



New Jersey Career Accelerator Internship Grant Program



STEM

Summer 2026 Internship Catalog

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STEM

Colliers Engineering & Design, Holmdel, NJ

Electrical Engineering Intern, In-person, 1 funded position(s)

Intern will assist in the architectural application of electrical engineering, including power systems, lighting design, generator design, campus electrical infrastructure, etc

Responsibilities

- Assist in the architectural application of electrical engineering, including power systems, lighting design, generator design, campus electrical infrastructure, etc.
- Collaborate with technical and design staff to complete billable real-time client work.
- Work alongside junior and senior level engineers to design power, lighting, and fire alarm systems in commercial spaces.
- Assist engineers with design calculations and sizing building Electrical systems
- Network with current Colliers Engineering & Design professionals and gain real-life experience in consulting.
- Work across multiple disciplines with other interns and professional staff.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Pursuing a Bachelor's degree in an Electrical or Architectural Engineering or related program from an accredited university or college physically located in the U.S.
- Prior experience with Revit, AutoCAD, or Building design is highly preferred.
- Experience with AGi32 or other lighting software is a plus.
- Highly motivated and able to work in a fast paced environment.
- Interest in building engineering, lighting design, or wiring.
- Great communication skills is a plus.
- Prior internship experience is a plus.
- Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Woodcliff Lake, NJ

Bridges & Structures Engineering Intern, In-person, 1 funded position(s)

Summary:

The selected candidate will work in the Northeast Bridges & Structures group of the Company's Infrastructure Division on various projects including new or rehabilitated highway, rail and pedestrian bridges and culverts, retaining walls and temporary structures for contractors.

- Responsibilities will include the preparation of a variety of engineering analyses and computations, CAD drawings, technical reports and cost estimates under the supervision of senior engineers.
- Collaborate as a member of the Bridges team to realize project deliverables and deadlines.
- Put classroom lessons to work in a practical, real-world situation.
- Occasional field work may be required under the supervision of senior engineers.
- Opportunities to experience and participate in the design of structural projects for other related Infrastructure Division departments including Rail, Waterway Structures and Hydro-power.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Pursuing a Bachelor's or Master's degree in Civil Engineering or a related program.
- Interest in Structural design preferred.
- Must have reliable transportation to the office.
- Basic understanding of AutoCAD and/or Microstation preferred.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment. Strong computer literacy, to include MS Office.
- Excellent written and verbal communication skills.

Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Holmdel, NJ

Traffic Planning Intern, In-person, 1 funded position(s)

Intern will assist technical staff with day-to-day design tasks for various types of transportation and traffic projects.

Responsibilities

- Assist technical staff with day-to-day design tasks for various types of transportation and traffic projects.
- Traffic analysis responsibilities including data collection, crash analysis, and intersection & roadway capacity analysis utilizing various software, under the supervision of junior and senior level engineers.
- Traffic reporting duties including preparation of traffic impact studies as assigned by your management team.
- CAD work for conceptual design plans from a traffic planning & preliminary design.
- Construct cost estimating responsibilities for detailed design plans.
- Opportunity to advance to higher level responsibility depending upon performance throughout the summer.
- Collaboration with other interns in to understand various disciplines and aspects of Colliers Engineering & Design.
- Participation in planning and technical report documentation.

In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about

Qualifications

- Pursuing a Bachelor's or Master's degree in Civil Engineering or a related program at an ABET-accredited University.
- Previous coursework in Traffic Planning, Traffic Design or Transportation preferred.
- Prior internship experience preferred but not required.
- Interest in working on Traffic and Transportation related projects.
- Must have reliable transportation to the office.
- Basic understanding of AutoCAD and/or MicroStation preferred.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.
- Strong computer literacy, to include MS Office.

Ability to read, write and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Holmdel, NJ

Survey Engineering Intern, In-person, 2 funded position(s)

Our interns will work directly with out Mid-Atlantic Survey discipline to collect and transform field surveys and data into functional plans for use by engineering teams.

Responsibilities

- Assist technical staff on day-to-day projects in their respective discipline.
- Transform field collected electronic files into Autodesk Civil 3D (CAD) produced drawings.
- Work with more senior staff to produce SUE, ALTA, Boundary, Topographic Surveys, As-Built drawings, maps, Specific Purpose Surveys, Plot plans and Subdivision Record.
- Plats by using Autodesk Civil 3D (CAD).
- Will also work in the field on control, topographic surveys, and pipeline surveys as Instrument Man of a one, two or three-person field crew.
- May also perform some office duties, including data reduction, field note reduction, calculations, data checks and staking computations using survey computer programs and AutoCAD.
- Performs mathematical calculations and field checking of field data.
- Reads and understands plans and specifications.
- Work alongside junior and senior level engineers to execute project deadlines.
- Network with current Colliers Engineering & Design professionals and gain real-life experience in consulting.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Interested or currently pursuing an Associates or Bachelor's degree in Civil, Land Surveying, Geomatics, CADD, Engineering Technologies.
- Must have reliable transportation to the office/field.
- Basic understanding of AutoCAD preferred.
- Experience with Civil3D a plus.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.
- Strong computer literacy, to include MS Office.
- Be able to carry up to forty pounds of equipment up flights of stairs.
- Be able to work outdoors in all weather conditions.

- Ability to read, write and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Mt. Laurel Township, NJ

Water/Wastewater Engineering Intern, In-person, 1 funded position(s)

Our Water/Wastewater Engineering Intern will assist senior engineers with projects related to Stormwater Management, Water Resources, and Wastewater treatment. The Intern will get experience with designing pump systems, treatment facilities, and utility lines for improvement and replacement projects throughout South Jersey.

Responsibilities

Our interns will assist technical staff on day-to-day projects.

- Read and review project drawings and plans.
- Confer with engineers about preparing plans.
- Use AutoCAD software under the charge of Engineers.
- Evaluate pre-construction field conditions.
- Observe project sites and evaluate contractors' work to detect problems with a design.
- Prepare reports and document project activities and data.
- Prepare analyses from collected data.
- Set up and help maintain project files and records.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Pursuing a Bachelor of Science or master's degree in Civil Engineering, Environmental Engineering or a related program.
- Class work and interest in potable water and wastewater design work is preferred.
- Must have reliable transportation to the office.
- Basic understanding of AutoCAD preferred.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.

Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Woodcliff Lake, NJ

Civil/Site Engineering Intern, In-person, 1 funded position(s)

Summary:

Colliers Engineering & Design is seeking an intern to join our Civil/Site Team to assist with the development of sites for residential, commercial, and industrial development. The intern will assist with developing site plans, grading, stormwater management, and report writing.

Responsibilities

- Our interns will assist technical staff on day-to-day projects in their respective disciplines.
- Preparing site plans under direction of junior engineers.
- Code reviews.
- Code requirements from municipalities.
- SWPPP inspections (will be trained on this by team).
- Erosion inspections on-site.
- CED internships are unique in that they are work-centered, meaning you are working on real, billable client work right away.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Actively pursuing a Master's or Bachelor's degree in Civil Engineering, Environmental Engineering, or a related field.
- Hydrology type work or coursework and Hydraulics coursework.
- Be highly motivated, able to work in a fast paced environment, and have great communication skills.
- AutoCAD experience preferred.
- Civil 3D experience preferred.
- HydroCAD experience a plus.
- Site/Civil interest specifically Land Development.
- Students with some prior internship experience are preferred, but any candidates who apply will be reviewed and considered for different roles.

Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Mays Landing, NJ

Geotechnical Engineering Intern, In-person, 1 funded position(s)

Our Geotechnical Engineering Intern will work directly with our materials testing laboratory in order to provide clients with analysis regarding soils, asphalt, concrete, and other materials. They will assist senior engineers with foundation analysis and design for a wide variety of client projects.

Responsibilities

- Our interns will assist technical staff on day-to-day projects.
- Read and review project drawings and plans.
- Use Geosystems and ArcGIS Pro software under the direction of Engineers.
- Observe project sites and evaluate contractors' work to detect problems with a design.
- Prepare reports and document project activities and data.
- Prepare analyses from collected data.
- Set up and help maintain project files and records.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Pursuing a Bachelor's or Master's degree in Civil Engineering, Environmental Engineering, Geotechnical Engineering, or a related field.
- Interest in Geotechnical Engineering.
- Must have reliable transportation to the office and project sites.
- Basic understanding of ArcGIS or AutoCAD preferred.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.

Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Holmdel, NJ

Civil/Site Engineering Internship, In-person, 1 funded position(s)

Summary:

Colliers Engineering & Design is seeking an intern to join our Civil/Site Team to assist with the development of sites for residential, commercial, and industrial development. The intern will assist with developing site plans, grading, stormwater management, and report writing.

Responsibilities

- Our interns will assist technical staff on day-to-day projects in their respective disciplines.
- Preparing site plans under direction of junior engineers.
- Code reviews.
- Code requirements from municipalities.
- SWPPP inspections (will be trained on this by team).
- Erosion inspections on-site.
- CED internships are unique in that they are work-centered, meaning you are working on real, billable client work right away.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Actively pursuing a Master's or Bachelor's degree in Civil Engineering, Environmental Engineering, or a related field.
- Hydrology type work or coursework and Hydraulics coursework.
- Be highly motivated, able to work in a fast paced environment, and have great communication skills.
- AutoCAD experience preferred.
- Civil 3D experience preferred.
- HydroCAD experience a plus.
- Site/Civil interest specifically Land Development.
- Students with some prior internship experience are preferred, but any candidates who apply will be reviewed and considered for different roles.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Mt. Arlington, NJ

Municipal Engineering Intern, In-person, **1** funded position(s)

Our Municipal Engineering Intern will work on a variety of public infrastructure projects including construction inspection and observation, contractor oversight, and managing capital improvement plans.

- Our interns will assist technical staff on day-to-day projects.
- Review of subdivision plans and site plans submitted by developers for approval.
- Administration of developer sponsored projects that are in construction to verify compliance with the approved plans.
- Design of capital improvement projects.
- Evaluation of public works issues in our municipalities.
- CED internships are unique in that they are work-centered, meaning you are working on real, billable client work right away.
- This is a great way to gain real life experience in consulting.
- In addition to the work-centered program, we also offer robust internship programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and networking connections.

Qualifications

- Pursuing a Bachelor of Science or Master's degree in Civil Engineering or a related program.
- Must have reliable transportation to the office.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.

Ability to read, write, and understand English for purposes of comprehending written job-related communications and verbal instructions and interactions.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Colliers Engineering & Design, Hamilton Township, NJ

Highway Engineering Intern, In-person, 1 funded position(s)

The selected candidate will work in the Northeast Highway and Traffic Group group of the Company's Infrastructure Division on various projects including new or rehabilitated highway, rail and pedestrian bridges and culverts, traffic studies, and safety improvements

Responsibilities

- Assist technical staff with day-to-day design tasks for various types of transportation and traffic projects.
- Conduct basic engineering functions including computer-aided design, calculations and cost estimating under the direct supervision of senior engineers and managers.
- Collaborate as a member of the Highway-Traffic team to realize project deliverables and deadlines.
- Put classroom lessons to work in a practical, real-world situation.
- Visit projects under construction and assist with field reconnaissance under the supervision of a senior engineer or project manager.
- In addition to the work-centered program, we also offer robust internship

programming, which includes opportunities to work with other interns, learn about other areas of the business, and develop valuable communication skills and

Qualifications

- Pursuing a Bachelor's or Master's degree in Civil Engineering or a related program.
- Interest in roadway and highway/traffic design preferred.
- Must have reliable transportation to the office.
- Basic understanding of AutoCAD and/or MicroStation preferred.
- Excellent written and verbal communication skills.
- Possess solid problem-solving skills.
- Must be able to work in a high-paced environment.
- Strong computer literacy, to include MS Office.

Excellent written and verbal communication skills.

Desired Majors: Engineering

How to apply: [Colliers Engineering & Design Careers Home](#)

Required Documents: Resume

STEM

Coriell Institute for Medical Research, Inc., Camden, NJ

Coriell Summer Research Program - QA/Safety Internship, In-person, **1** funded position(s)

Founded in 1953, the Coriell Institute for Medical Research is a non-profit Research Institute dedicated to improving human health through biomedical research. Coriell comprises 15 faculty members and 9 postdoctoral fellows, among many students and research staff, who lead research in personalized medicine, cancer biology, aging, epigenetics, and the genomics of opioid use disorder. Coriell also hosts one of the world's leading biobanks — composed of collections for the National Institutes of Health, disease foundations, and private clients—and distributes biological samples, as well as offers research and biobanking services to scientists around the globe. The goal of the Coriell Summer Research Program is to give students the opportunity to work alongside world-renowned scientists, researchers, and bioinformaticians and gain insights into careers in science or related areas. Students will spend time in the QA/Safety Department and receive individualized direction from expert mentors; the students will have the chance to learn how quality systems support reproducible scientific work. The Coriell Summer Internship will enhance academic credentials and provide the opportunity to develop new areas of interest.

- Achieve a general understanding of production workflows, and quality and safety objectives
- Under direct supervision, support routine QA and safety activities in a production laboratory setting
- Assist with chemical safety programs, including chemical inventory review, Safety Data Sheet management, and safe storage practices
- Assist in reviewing, organizing and maintaining quality documentation
- Assist with routine laboratory inspections and audits related to safety and quality standards
- Participate in biweekly management review meetings to observe how leadership reviews operational performance

Desired Majors: Life Science

How to apply: A position will be open through LinkedIn and [Coriell Summer Internships for College Students](#)

Required Documents: Resume; Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

Coriell Institute for Medical Research, Inc., Camden, NJ

Coriell Summer Research Program - Business Development Internship, In-person, **1** funded position(s)

Founded in 1953, the Coriell Institute for Medical Research is a non-profit Research Institute dedicated to improving human health through biomedical research. Coriell comprises 15 faculty members and 9 postdoctoral fellows, among many students and research staff, who lead research in personalized medicine, cancer biology, aging, epigenetics, and the genomics of opioid use disorder. Coriell also hosts one of the world's leading biobanks — composed of collections for the National Institutes of Health, disease foundations, and private clients—and distributes biological samples, as well as offers research and biobanking services to scientists around the globe.

The Coriell Business Development team is pleased to offer an internship opportunity for current or recently graduated college students interested in sales, business development, marketing, and CRM operations within a mission-driven scientific organization.

This internship provides hands-on exposure to inside sales, lead generation, CRM administration, and LinkedIn-based prospecting, supporting Coriell's commercial and partnership growth initiatives. Interns will work closely with the Business Development team to support outreach efforts, data organization, and follow-up activities that directly contribute to revenue and relationship development.

The application deadline is May 1, 2026.

The learning objectives and goals of this internship are as follows: This experience is designed to strengthen professional credentials, build real-world sales and business development skills, and provide insight into commercial roles within a research-driven organization.

Inside Sales & Meeting Generation

- Conduct outbound cold calling and email outreach to prospective customers and partners to book introductory meetings
- Support meeting execution by coordinating schedules, confirming attendance, and documenting outcomes

CRM Administration & Data Clean-Up

- Maintain, audit, and clean CRM records to ensure accuracy and completeness
- Update contact records, company data, deal stages, and activity logs
- Assist in organizing pipelines and reporting on outreach metrics

LinkedIn Prospecting & Content Support

- Identify and research potential leads using LinkedIn and other business intelligence tools
- Assist in drafting and scheduling LinkedIn content to support brand visibility and outreach
- Engage with relevant industry content and monitor engagement metrics

Cold Lead Follow-Up

- Perform structured follow-up with cold and warm leads via phone, email, and LinkedIn
- Track responses, objections, and next steps within the CRM

- Help re-engage inactive leads and support lead-nurturing campaigns

Additional Business Development Support

- Assist with market research, account mapping, and lead qualification
- Prepare documentation, reports, and summaries for the Business Development team
- Participate in team meetings and contribute to process improvement ideas
- Create a final presentation summarizing internship contributions and outcomes

Desired Majors: Business, Entrepreneurship & Human Resources; Computer Science, Information Systems & Technology; Communications

How to apply: A position will be open through LinkedIn and [Coriell Summer Internships for College Students](#)

Required Documents: Resume; Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

Coriell Institute for Medical Research, Inc., Camden, NJ

Coriell Summer Research Program - Bioinformatics Internship, Hybrid, **2** funded position(s)

Founded in 1953, the Coriell Institute for Medical Research is a non-profit Research Institute dedicated to improving human health through biomedical research. Coriell comprises 15 faculty members and 9 postdoctoral fellows, among many students and research staff, who lead research in personalized medicine, cancer biology, aging, epigenetics, and the genomics of opioid use disorder. Coriell also hosts one of the world's leading biobanks — composed of collections for the National Institutes of Health, disease foundations, and private clients—and distributes biological samples, as well as offers research and biobanking services to scientists around the globe. The goal of the Coriell Summer Research Program is to give students the opportunity to work alongside world-renowned scientists, researchers, and bioinformaticians and gain insights into careers in science or related areas. Students will spend time in the laboratory or the Bioinformatics Department and receive individualized direction from a group of expert mentors; the students will have the chance to learn and develop basic bioinformatics skills and statistical analysis and apply these to data analysis. The Coriell Summer Research Internship will enhance academic credentials and provide the opportunity to develop new areas of interest.

- Develop a general understanding of basic bioinformatics data types and workflows.
- Students will learn how bioinformatics data is generated from library prep to sequencing, alignment, and downstream statistical analysis, common file formats, and standard software
- Learn/develop skills in bioinformatics data analysis using the Linux command line, R, and Python programming
- Students will develop a working proficiency with R, Python, and Bash scripting for the purpose of performing a bioinformatics analysis
- Learn/develop a general understanding of modern statistical frameworks used in high-dimensional data analysis
- Students will learn about modern statistical techniques used in high-dimensional data analysis
- Perform basic bioinformatics analysis (RNA-seq, ATAC-seq, RRBS) on a high-performance compute cluster
- Participate in weekly seminars and lab meetings
- Generate a final report based on real sequencing data and present it to the team

Desired Majors: Computer Science, Information Systems & Technology; Life Science

How to apply: A position will be open through LinkedIn and [Coriell Summer Internships for College Students](#)

Required Documents: Resume; Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

Coriell Institute for Medical Research, Inc., Camden, NJ

Coriell Summer Research Program - Laboratory Internship, In-person, **2** funded position(s)

Founded in 1953, the Coriell Institute for Medical Research is a non-profit Research Institute dedicated to improving human health through biomedical research. Coriell comprises 15 faculty members and 9 postdoctoral fellows, among many students and research staff, who lead research in personalized medicine, cancer biology, aging, epigenetics, and the genomics of opioid use disorder. Coriell also hosts one of the world's leading biobanks — composed of collections for the National Institutes of Health, disease foundations, and private clients—and distributes biological samples, as well as offers research and biobanking services to scientists around the globe. The goal of the Coriell Summer Research Program is to give students the opportunity to work alongside world-renowned scientists, researchers, and bioinformaticians and gain insights into careers in science or related areas. Students will spend time in the laboratory and receive individualized direction from a group of expert mentors. Learning objectives of this program include basic and applied cellular, molecular, and biochemical techniques. The Coriell Summer Research Internship will enhance academic credentials and provide the opportunity for students to develop new areas of interest.

- Achieve a general understanding of the basic principles and goals of the research project.
- Under direct supervision, learn and conduct routine laboratory experiments following established procedures, including assays, DNA extraction, tissue culture, protein purification, PCR analysis, and electrophoresis.
- Assist in executing research experiments related to the project through materials preparation, proper documentation, and sample collection and processing.
- Data analysis and interpretation.
- Under supervision, understand general concepts related to using standard research equipment such as microscopes, incubators, autoclaves, and centrifuges.
- Prepare and maintain detailed documentation (test plan protocols, reports, specifications, standard operating procedures).
- Perform literature searches and library investigations as they relate to the research.
- Participate in weekly seminars, lab meetings, and other activities to further their knowledge of research.
- Create a final presentation to share with the team.

Desired Majors: Life Science

How to apply: A position will be open through LinkedIn and [Coriell Summer Internships for College Students](#)

Required Documents: Resume; Cover Letter ; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

Materium Technologies Inc., Summit, NJ

Materials Science & Engineering Intern, Hybrid, 1 funded position(s)

The Materials Science & Engineering Intern will work closely with Materium's technical team and its university partners on active research and development projects focused on nanocomposite coating characterization. This internship is designed as a structured, mentored learning experience in which interns apply foundational classroom knowledge to real materials challenges and gain hands-on exposure to industry tools and methodologies.

- Assist with materials synthesis and preparation.
- Participate in project planning and review meetings.
- Collaborate with Materium's university partners to perform characterization experiments, including techniques such as AFM, XRD, SEM, spectrophotometry, etc.
- Collect, analyze, and interpret experimental procedures, results, and observations.

Desired Majors: Engineering

How to apply: scott@materiumtech.com

Required Documents: Resume; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

My Code Dragon, Scotch Plains, NJ

Growth Marketing and Social Media Intern, Remote, 1 funded position(s)

MyCodeDragon is an AI assisted, interactive coding education platform that helps students learn real world programming through hands on coding activities. This internship focuses on growing our social presence, improving creative, and increasing free trial sign ups and paid conversions. You will work directly with the founder on content, ads, and growth experiments, with clear weekly deliverables.

- Accomplished audience growth as measured by follower growth and engagement rate, by publishing a weekly content calendar across Instagram, TikTok, YouTube Shorts, and Facebook
- Accomplished lead generation as measured by free trial sign ups and cost per signup, by creating ad concepts, copy, and creative for Meta and Google ads
- Develop and manage a repeatable content system: hooks, scripts, shot lists, editing guidelines, captions, and CTA templates
- Run creative testing: propose variations, track performance, summarize learnings, and recommend next tests
- Coordinate affiliate and partner outreach support: draft messages, build lists, and track responses
- Produce a monthly growth memo with results, insights, and next month plan

Desired Majors: Open to all Majors

How to apply: Email: Daniel@MyCodeDragon.com

Required Documents: Resume; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

My Code Dragon, Scotch Plains, NJ

Curriculum and Standards Lesson Plan Development Intern, Remote, 1 funded position(s)

MyCodeDragon is expanding functionality for schools and organizations. This internship focuses on building ready to use, standards aligned lesson plans and teacher facing materials that make it easy for educators to implement coding instruction using MyCodeDragon. You will create lesson plans, learning objectives, assessments, and standards mappings (CSTA and, where relevant, NJ standards). You will also help structure curriculum documentation that supports district adoption and organizational pilots.

- Accomplished curriculum readiness as measured by the number of complete, classroom ready lessons produced per month, by authoring standards aligned lesson plans with clear pacing, materials, and assessments
- Accomplished implementation clarity as measured by teacher usability feedback, by creating facilitator guides, rubrics, and differentiation supports
- Develop ready to use lesson plans based on MyCodeDragon's courses that include: learning objectives, prerequisites, vocabulary, step by step facilitation notes, student tasks, checks for understanding, extensions, and assessment criteria
- Map each lesson to CSTA standards, and optionally state standards where applicable
- Create scope and sequence documents for beginner through advanced pathways (Python, R, SQL, JavaScript, HTML)
- Build classroom assets: slide outlines, informational talking points per course
- Work with the founder to translate product features into teacher workflows for school and organization use cases

Desired Majors: Business, Entrepreneurship & Human Resources; Computer Science, Information Systems & Technology; Education

How to apply: Email: Daniel@MyCodeDragon.com

Required Documents: Resume; Transcripts (used to verify applicant is a student at a NJ IHE)

STEM

Ouros Materials, Piscataway, NJ

Materials R&D Internship Summer 2026, In-person, 1 funded position(s)

Ouros Materials is seeking a Materials Research & Development Intern for Summer 2026 to support the development of next-generation, fire-resistant composite building materials. The intern will work closely with the company's CTO and research collaborators at Rutgers University to support hands-on laboratory research, materials testing, and prototype development in a fast-paced climate-tech startup environment.

This paid internship provides direct exposure to applied materials science, experimental design, and the product development lifecycle, with opportunities to engage in both technical research and industry-facing activities.

The Materials R&D Intern will support ongoing research and development efforts, including:

Preparing and processing composite material samples following established laboratory protocols

Supporting prototype development and iterative material formulation

Conducting mechanical, thermal, and physical property testing of materials

Recording, organizing, and analyzing experimental data

Maintaining detailed lab notebooks and documenting procedures in accordance with research standards

Participating in technical team meetings and contributing to discussions on research direction and results

Attending relevant technical or business travel, including visits to partner manufacturing facilities, trade shows, or startup conferences (as applicable)

Desired Majors: Engineering

How to apply: We have already found a great intern for this position from Rutgers University who's from NJ! :)

Required Documents: Resume

STEM

PureNanoTech, Inc., Parsippany, NJ

Research Assistant, In-person, **1** funded position(s)

Research Assistant for PureNanoTech -- a company specializing in nanobubble technology

Job Responsibilities:

- Operate nanobubble generation and testing instrument
- Collect water samples and conduct tests
- Organize and record experimental data
- Assist with general research tasks as needed

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Job Responsibilities:

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- Collect water samples and conduct tests
- Organize and record experimental data
- Assist with general research tasks as needed

Work Schedule:

- Approximately 2-3 days per week (Monday to Thursday) for an experiment cycle
- Around 6 hours per shift
- Work schedule depends on experimental needs (not every week will require lab work)

Requirements:

- Previous research experience required
- Attention to detail and good record-keeping skills
- Background in Environmental Science, Chemistry, or related fields preferred
- Physical ability to lift and carry lab equipment or materials

It will be a plus to have following capabilities:

- Ability to independently design and arrange experiments
- Knowledge of nanobubble technology is a plus
- Can perform literature search and summarize the findings

We Offer:

- Flexible part-time schedule
- Comprehensive training provided by the company for hands-on experience with advanced nanobubble technology

- Supportive research environment and learning opportunities
- With potential to convert to full time employee.

How to Apply: Please send your resume and cover letter to shan.xue@purenanotec.com, with the subject line: Research Assistant – Your Name.

Desired Majors: Natural Resources, Sustainability & Environmental Science ;Life Science ;Agriculture, Food & Horticulture

How to apply: shan.xue@purenanotec.com

Required Documents: Resume