

Nitricity

<https://www.nitricity.co/>

Fremont

\$25/hr, 40 hours /week

June 16 – Aug 22

About

Nitricity is a startup addressing climate change, and we seek your help! We are innovating in an essential industry that supports global food systems. Conventional agriculture depends on the production, distribution, and application of fertilizers. However, nitrogen fertilizer is currently made in coal- and gas-fired facilities located hundreds to thousands of miles away from farmers who need it. This \$120B industry is responsible for as much as 6% of global CO₂e emissions.

Nitricity Inc. has developed a new technology that produces organic fertilizer using air, water, biomass, and renewable electricity (e.g., solar). Growers will have access to a more reliable, organic, low-cost, and environmentally friendly fertilizer supply. We are actively growing our team to help us realize this vision.

Nitricity fosters a collaborative and engaging workplace culture centered around in-person teamwork. We work a five-day workweek, Monday - Friday, from 9AM to 5PM in a renovated workspace that promotes creativity. We're proud of our team—smart, kind, and fun individuals who support one another and thrive on open communication and shared goals. We value a balance of professionalism and camaraderie, creating a space where everyone can do their best work while building strong, authentic relationships.

Nitricity seeks 4 FirstGen Interns to support the Business Development, HR & Recruiting, Environmental Health & Safety, and Engineering team.

Office Manager and Recruiting Intern

SCOPE

Nitricity seeks a proactive and organized Office Manager Intern with a talent for multi-tasking and a keen interest in recruiting and coordination. This internship role will ensure our office runs smoothly while supporting our hiring processes by scheduling interviews and managing recruiting activities. The ideal candidate will have strong organizational skills, a professional demeanor, and a passion for people operations.

RESPONSIBILITIES

- Assist in organizing and maintaining office operations, supplies, and systems.
- Coordinate company events, meetings, and team-building activities
- Ensure office equipment and facilities are well-maintained and operational
- Provide general administrative support, data entry, and correspondence
- Collaborate with the hiring team to post job openings on various platforms
- Screen resumes and applications to identify top candidates
- Coordinate interviews and communicate with candidates throughout the hiring process
- Support onboarding activities for new hires, including preparing materials and scheduling orientations

MUST-HAVE QUALIFICATIONS

- Student Year: Junior, Senior, or Recent Graduate
- College Major(s): Business Administration, Human Resources, or related field
- Strong analytical and problem-solving skills
- Excellent verbal and written communication skills
- Proficiency in Microsoft Office Suite (Excel, Word, PowerPoint)
- Proactive, positive, and personable with excellent communication skills and an upbeat “can do” attitude
- Excellent time management skills and ability to multitask and prioritize work

Environmental Health and Safety (EHS) Intern

SCOPE

The Environmental, Health, and Safety (EHS) internship position will provide a hands-on learning opportunity to support EHS initiatives and compliance within the company. The intern will assist in implementing and maintaining safety protocols, conducting workplace inspections, and analyzing potential hazards to promote a safe and healthy work environment.

RESPONSIBILITIES

- Assist in developing, implementing, and maintaining environmental, health, and safety policies and procedures.
- Conduct environmental and safety inspections to ensure compliance with local, state, and federal regulations.
- Participate in incident analyses and help identify root causes and corrective actions for continuous improvement.
- Assist with tracking and reporting environmental metrics (e.g., emissions, water usage)
- Develop materials for EHS training and awareness campaigns
- Participate in delivering safety and environmental training sessions
- Collect, organize, and analyze EHS-related data
- Prepare reports and presentations for internal and external stakeholders

MUST-HAVE QUALIFICATIONS

- Student Year: Senior or Recent Graduate
- College Major(s): Environmental Science, Occupational Safety, Industrial Engineering or a related field
- Strong analytical and problem-solving skills
- Excellent verbal and written communication skills.
- Proficiency in Microsoft Office Suite (Excel, Word, PowerPoint)
- Detail-oriented and organized
- Proactive, positive, and personable with excellent communication skills and an upbeat, “can do” attitude
- Excellent time management skills and ability to multitask and prioritize work.

Systems Engineer Intern

SCOPE

The Systems Engineer Internship offers an exciting opportunity to gain hands-on experience in a dynamic, collaborative environment. Interns will work closely with experienced engineers on projects involving complex systems' design, analysis, and optimization. This role provides exposure to interdisciplinary engineering concepts and real-world problem-solving, focusing on technical and communication skills.

RESPONSIBILITIES

- Assist in component fabrication, testing, and BOM (Bill of Materials) management.
- Work with Mechanical or Chemical Engineers to support analytical design activities
- Responsible for supporting and learning the analytical tools based on the requirement
- Work with electrical engineers to develop system controls and power distribution specifications.
- Develop mass, energy, or fluid balance of current and systems in design
- Support the assembly, startup, and characterization of chemical and mechanical systems
- Work productively both individually and as part of a team

MUST-HAVE QUALIFICATIONS

- Student Year: Junior, Senior, or Recent Graduate
- College Major(s): Chemical Engineering, Mechanical Engineering, or Electrical Engineering
- Proactive, positive, and personable with excellent communication skills and an upbeat, "can do" attitude
- Excellent time management skills and ability to multitask and prioritize work
- Attention to detail and problem-solving skills
- Excellent written and verbal communication skills

Business Development Intern

SCOPE

Nitricity offers a Business Development intern to participate in our ongoing field research and trials. The internship is ideal for a student passionate about hands-on study and contributing to advancements in plant science or sustainable agriculture. As a Business Development Intern, you will work closely with our Business Development team to set up, monitor, and analyze field trials designed to test Nitricity's fertilizer on crops.

RESPONSIBILITIES

- Assist in the planning, setup, and execution of field trials, ensuring proper protocols are followed.
- Collect and record accurate data on plant growth, soil conditions, pest/disease incidence, and environmental factors.
- Conduct laboratory or on-site analyses (e.g., soil sampling and plant tissue analysis)
- Maintain organized records and contribute to data analysis and report preparation.
- Collaborate with the team to identify trends, troubleshoot issues, and implement solutions during the trials.
- Follow safety guidelines and ensure all activities align with best practices for environmental stewardship.

MUST-HAVE QUALIFICATIONS

- Student Year: Junior, Senior, or Recent Graduate
- College Major(s): Biology, Botany, Agriculture, Earth Science, or a related discipline
- Basic understanding of scientific research methods and experimental design
- Interest or experience in agriculture, plant science, or field research
- Strong organizational skills and attention to detail
- Ability to work outdoors in varying weather conditions
- Excellent communication and teamwork abilities
- Proficiency in using Microsoft Office or Google Suite for data entry and reporting

- Proactive, positive, and personable with excellent communication skills and an upbeat, “can do” attitude
- Excellent time management skills and ability to multitask and prioritize work