2025 Intern, Engineering, IDD
Chemical, Mechanical, or Electrical Engineering Majors

World leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 66,000 employees and serves more than 3,6 million customers and patients. Oxygen, nitrogen and hydrogen have been at the core of the company's activities since its creation in 1902. Air Liquide's ambition is to be the leader in its industry, delivering long-term performance and acting responsibly.
The Global Markets & Technologies (GM&T) World Business Unit delivers technological solutions (molecules, equipment and services) to support the new markets of energy transition, maritime logistics and scientific exploration, in order to accelerate Air Liquide sustainable growth. To support the energy transition, GM&T brings environmentally friendly solutions to the clean energy market with hydrogen energy and Bio-Natural Gas for vehicles, refrigerated transport using nitrogen, but also the treatment and injection of Biogas into the energy grid as a local power source.

Air Liquide Innovation Campus Delaware is one of Air Liquide's 5 Innovation Campuses worldwide. Our innovation campus in Delaware is home to over 128 of our employees - all dedicated to leading disruption and innovation in our industry and the markets we support. Our teams are agile, testing new methodologies and processes, all while engaging our customers, users and partners to learn, test and refine concepts. Air Liquide's innovation campus in Delaware hosts 5 laboratories backed by our scientific and technological expertise.

Our summer internship is designed to introduce college students to Air Liquide and the industrial gas industry. Air Liquide supplies oxygen, nitrogen, hydrogen and many other specialty gases, molecules, services and technologies to a wide range of industries, providing customers with innovative solutions that are vital to their industrial production and sustainability. Located in over 78 countries, we have more than 1,000,000 customers globally in diverse industries such as steel, food and beverage, electronics and pharmaceuticals. Interns work in a specific area of Air Liquide to develop their knowledge and skills while making contacts with people at all levels of the Company.

<u>2025 Engineering Internship Opportunities</u>

Plant Operations - Provide engineering support to the daily management and efficient operation of an Air Liquide production facility. Assist plant management and/or engineering teams in the execution of preventative maintenance activities and/or plant process improvements. Students will become familiar with a specific production technology/process based on the location as well as a general introduction to the plant working environment.

Plant Operations (Document Control) - The intern will be responsible for Document assistance (HSE platform uploading, obsoleting old documents. SOP formatting (establishing IMS audit findings) establishing Process Reference Documents (explaining how each unit operation at the plant works, what inputs/outputs) which is critical for day-to-day work at the plant.

Project Engineer – This supporting role is a highly visible position within Air Liquide Advanced Technologies US LLC (ALATUS), providing key project engineering support in the design, construction, and commissioning of Renewable Gas (RNG) Plants for our business growth. The intern will be responsible for assisting the Project Managers and Project Engineers with directing, overseeing and supporting project execution; including involvement in the engineering, bid process, budgeting, scheduling, forecasting, reporting, and invoicing.

Data Science – Provide research support to the R&D data science team by developing and refining machine learning and deep learning solutions to accelerate material design, as well as refactoring existing codebases to

enhance code efficiency and maintainability. Students will collaborate with a global team of research scientists across the U.S., Canada, and France, gaining data and business insights into Air Liquide's research activities. Candidates must be pursuing a Master or Ph.D. degree in computer science, chemical engineering, mathematics, statistics, or a related field. Familiarity with Git and code repositories such as GitHub and GitLab is preferred. Experience with deep learning frameworks like Pytorch is also highly desirable.

Process Engineer – At our Newark location the Process Engineering Intern will have the opportunity to actively participate in the Process Engineering teams in the application areas of Biogas upgrading, Renewable Natural Gas (RNG) system design and other membrane based gas separation projects for internal Air Liquide customers and external "Sale of Equipment" customers. The intern will provide process engineering assistance to senior team members, update and standardize standard plant P&IDs, write purchasing specifications for standard equipment and develop and optimize Hysys M&E balances for standard solutions. There may be several opportunities for on-site plant commissioning and system troubleshooting.

Requirements:

- Pursuing a bachelor's degree in engineering (Chemical, Mechanical, or Electrical Engineering)
- Expected graduation between December 2025 and May 2027
- Minimum cumulative overall GPA of 3.0 (on a 4.0 scale)
- Must be able to provide own daily transportation to/from work
- Must secure and finance own housing
- Must be open and flexible to relocate anywhere in the US during and post program

How to Apply

- Apply to this posting directly or visit our campus career representatives during the Fall and Spring recruitment sessions

International Considerations: Air Liquide regrets that it is unable to sponsor employment Visas or consider individuals on time-limited Visa status for this position.

At Air Liquide, we are committed to build a diverse and inclusive workplace that embraces the diversity of our employees, our customers, patients, community stakeholders and cultures across the world.

We welcome and consider applications from all qualified applicants, regardless of their background. We strongly believe a diverse organization opens up opportunities for people to express their talent, both individually and collectively and it helps foster our ability to innovate by living our fundamentals, acting for our success and creating an engaging environment in a changing world.