

HVAC&R Advanced Systems Intern

Location:

CANHQ: CCS HQ - Syracuse, NY 6304 Thompson Rd, Syracuse, NY, 13221 USA. Carrier is a leading provider of heating, ventilating, air conditioning and refrigeration systems, building controls and automation, and fire and security systems leading to safer, smarter, sustainable and high-performance buildings. Carrier is a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. Willis Carrier invented the first modern air-conditioning system in 1902 and changed how people live, work, and play. Today, Carrier needs your talent to build upon this legacy and to deliver what's next for the modern world.

We are seeking internship candidates to join our Advanced Systems engineering teams at our location in Syracuse, New York. Selected students will get exposure to:

- State-of-the-art labs testing multiple revolutionary projects.
- Ability to work side-by-side with subject-matter experts and be involved on project teams.
- Working for a diversified Fortune 50 corporation.
- Professional training and development opportunities.

Education:

The ideal candidate will be a sophomore or junior pursuing a Bachelors' degree in Mechanical Engineering with 0-3 years of similar co-op/intern or work experience, or a graduate student pursuing a Masters' or PhD degree in Mechanical Engineering;

Experience / Qualifications:

The preferred candidate will 1) Have familiarity with the fundamentals of the design of thermal systems, 2) been exposed to the modeling and simulation of HVAC&R systems at component or system level through a combination of internally developed and/or commercial codes and 3) Support the commissioning and performance testing of HVAC&R systems in a psychometric chamber

Requirements:

Familiarity with design, modeling and testing thermal systems is a plus.

Solid grasp of engineering fundamentals

Ability to work independently on assigned task

Strong interpersonal, communication and presentation skills

Eagerness to learn and develop under guidance of experienced engineers

Previous Engineering internships preferred

Entry level competency with engineering development tools such as MATLAB, LabVIEW, EES, FEA, CFD or Pro-E is highly desirable.