

Undergraduate Junior Engineering Trainee St. Anthony Falls Laboratory

- Pay Rate: \$12-14 per hour starting wage, depending on qualifications

Minimum requirements

- Undergraduate degree seeking student in good academic standing.
- Ability to work shifts of 3 hours or more, totaling 6-12 hours a week during semester and 30-40 hours weekly over summer and winter break.
- Training and experience with basic hand and power tools.
- Willingness to work outdoors in all types of weather conditions.
- Capable of lifting and carrying 50 lbs.
- Have valid driver's license with a good driving record.

Preferred qualifications

- Formal training with hand tools and power tools. For example, a high school shop class or employer based training. Will also train as needed.
- Experience operating forklift, bobcat, or other similar equipment, but will train as needed
- Experience with construction, fabrication, or related work.
- Mechanical aptitude and problem solving skills a plus.

Duties/Responsibilities

- The primary function of this position is to support professional research staff and graduate student researchers at the St. Anthony Falls Laboratory.
- Daily tasks involve maintenance and upkeep of laboratory workshop and experimental facilities.
- Undergraduate employees participate in construction, setup, and demolition of experimental facilities. This job commonly requires picking up materials from vendors throughout the metro area.
- The job could also entail assisting graduate students and scientists with data collection or collecting data on research projects independently.
- Most projects/work are located at the St. Anthony Falls Laboratory, but some offsite assistance in the field and at our field stations may be required.
- Other projects are primarily conducted outdoors in varying types of weather conditions. The variety of tasks encourages adaptation and requires motivated problem solving, which develops a wide range of skills while exposing students to the many aspects of research.
- This job has physical requirement and requires bending, lifting, kneeling, walking, and standing for periods of time.
- Start Date: To be determined upon position offer and acceptance

The St. Anthony Falls Laboratory (SAFL) is an interdisciplinary fluid mechanics lab and educational facility at the University of Minnesota. Located on Hennepin Island in the Mississippi River in the heart of Minneapolis, SAFL houses engineers and scientists who collaborate across disciplines to solve fluids-related problems in the Earth-surface environment. SAFL vision encompasses both science and practice, beginning with basic research and moving through application, decision-making, and management.

Interested individuals should apply on-line through the University Human Resources at:

<https://humanresources.umn.edu/content/find-job> & search for Student Job Posting ID: 329533

Or by emailing Ben Erickson in SAFL at: erick089@umn.edu