

Hardware Accelerator Student Instructors

Each year, Rev: Ithaca Startup Works hires 3-4 student instructors, usually seniors or MEngs to help teams with prototyping. Students who consider themselves “makers” are ideal candidates regardless of educational background.

This is 30-35 hours per week job that pays \$12-\$15/ hour.

Applicants should be proficient in at least one of the following:

- Prototyping: 3D printing/Laser cutting/CNC/basic shop tools
- Electronics: Familiar with modern microprocessors and able to help teams go from a prototype made with standard components such as an Arduino or Raspberry pi to a custom PCB.
- Familiar with WiFi/Bluetooth/Other radio protocols
- Mechanical design: enclosure and mechanical design
- Comfortable with Autodesk Fusion, Sketchup, and CAM
- Can move a design from screen to physical prototype
- Cloud and embedded computing: skills required to move and store data to/ from connected microprocessor to the cloud and back again with protocols such as MQTT
- Familiar with Cloud Data System such as AWS and tools such as Node-Red

Interested students should send their resume to Pam Hampton at ph55@cornell.edu