



**Job Title:** Electrical Engineer or CS Intern

**Duration:** Summer 2020 ~ 3 months

**Please send resumes to:** [careers@electroninks.com](mailto:careers@electroninks.com)

### **About Electroninks and Circuit Scribe**

Electroninks Incorporated is a startup located in Austin TX, and backed by strategic and venture investors. We produce advanced materials and a line of consumer electronic products, all engineered to work with conductive metal inks designed for the consumer electronics supply chain.

You may have seen our Kickstarter in 2013 - raising nearly \$700k from over 12k backers. Since then we have grown significantly and brought interns on each summer to work on some of our most impactful circuit-design projects. Note: we will also offer a separate internship for a chemical engineer.

### **Job Description**

We are looking for a talented EE and/or CS major with a background in electronics who can develop new electrical modules for the Circuit Scribe line, lessons to support the modules and find clever and novel ways to use our products. We've put over 5 years into making the best platform possible and now we want to greatly expand our module library!

You should have experience designing analog and digital circuits, a passion for documenting your work, and a desire to participate in the maker community. You must have a perfectionist attitude and be excited to create things that will change electronics in education forever. During the internship, you will also gain experience in design-for-manufacturing of consumer electronics overseas.

You'll work in our 1,500 sq ft. prototyping lab, stocked with a FormLabs 3D printer, LPKF PCB mill, laser cutter, and a well rounded set of electronic design tools. Also, free snacks.

### **Principal Duties and Responsibilities:**

- Develop new modules to add to our library
- Document your work, so it can continue when you return to school
- You may also work on special projects like our CircuitJet PCB printer, currently being integrated into Autodesk Eagle / Fusion 360 Electronics

### **Qualifications**

- Passion for lowering the barrier of entry for electronics in education
- Pursuing or obtained a BS in electronics/electrical engineering or other relevant field, or advanced knowledge of electronics through hands-on experience
- Experience designing circuits and PCB layout through Eagle, KiCad, or Altium
- Preference for students with experience in at least one of the following
  - Writing firmware for Arduino, or C++, or Python
- Preference for students who have taken and enjoyed: [319k](#), [445l](#) and [445m](#)