



Background

Kron Technologies is a fun, ambitious, and quickly growing startup that's disrupting the world of high-speed cameras. We're looking for talented individuals to join us having a blast while designing and manufacturing world-leading products. Our employees enjoy flexibility, freedom, and a fun, supportive environment. We're located just north of Burnaby Lake in the Government Road neighborhood, a short walk from Production Way/University Skytrain station, and a 5-minute drive from Highway 1.

About the position

Kron Tech is seeking an awesome, highly motivated person who loves writing code. You'll be working on the software that goes into the core of our cutting-edge high-speed imaging equipment. Our software is designed to be reliable and user friendly, while also providing advanced users with flexibility via APIs, web/app control, etc. If you're the kind of person who dreams in code and enjoys the satisfaction of knowing your software is being used by thousands of people in the field, look no further!

You will be working closely with our Software Engineering Manager to complete tasks such as:

- Designing, implementing, and documenting camera control software and public-facing APIs
- Researching, designing, and implementing imaging-related algorithms, such as video compression, color correction, dead pixel correction, etc.
- Writing, modifying, and optimizing drivers for standard and custom SoC peripherals
- Partaking in code reviews, architectural discussions, and the occasional testing/QA sprint

Required qualifications

- Bachelor's degree in Computer Science or Software Engineering
- Excellent organizational, written, problem-solving, and verbal communication skills
- 5+ years writing production-grade code within teams
- Mastery of C/C++ and Object-Oriented Programming
- Good knowledge of Python or JavaScript
- Experience with embedded Linux systems, GNU tools, C-Make

Desired qualifications

- Avid hobbyists/geeks are greatly preferred
- Knowledge of cameras and image processing pipelines
- Experience writing RESTful APIs
- Experience with Computer Vision and Machine Learning
- Experience with CI/CD

Perks, Compensation and Benefits

As a full-time employee, you will be compensated on a salary based on experience and skills. You will receive full benefits that include medical/paramedical, dental, vision, LSA/HSA, working from home, flex hours, and an education allowance. The use of the shop space is open to all employees for personal projects. We offer educational benefits for our employees that wish to enhance their careers. We often have company lunches and pot-lucks and other group activities.

This position is available for September 1st, 2020.

To apply, send your resume as well as a few personal projects that feature your skills and a photo of a cute animal of your choice! Failure to include all documents and additional information will result in a rejected application.