



Job Description – Software Intern

Motiv Power Systems (www.motivps.com) is a fast growing green tech company based in Foster City, CA. We provide next-generation power management electronics and software for heavy-duty electric trucks. Motiv's modular, plug-and-play electric Powertrain Control System (ePCS) enables existing vehicle builders to create all-electric versions of existing vehicle types ranging from school buses to garbage trucks.

We are looking for a Software Intern for the summer of 2015. In this position your primary responsibility will be to design, test, and document software to advance the development of Motiv products. Your project(s) will depend on Motiv's needs and your skillset. Be prepared for technically challenging problems in a fast-paced work environment, not fetching coffee. We have high expectations of every employee and our interns are no exception.

Responsibilities may include:

- Develop and document software to integrate on and interface with ePCS components
- Write and execute software test plans
- Perform board bringup on new PCBs
- Participate in brainstorming, design reviews, and code reviews

Requirements:

- Enrolled in BS/MS in Computer Engineering or a related field
- Experience with writing and debugging C and Python code
- Excellent communication skills and ability to work with a team

An ideal candidate will have the following additional qualifications:

- Interest or experience with automotive systems, power electronics, and/or safety-critical systems
- Knowledge of control theory and digital signal processing
- Literacy with at least the digital aspects of schematics

You will be an active contributor to our team, and your enthusiasm, creativity, and attention to detail are critical to your success. Motiv is a growing company with many opportunities for our employees to make contributions outside of their field. Interns interested in a future career at Motiv are preferred.

This paid internship is based in Foster City, CA. Start and end dates are based on your academic calendar and Motiv's needs, but the internship length is expected to be at least 10 consecutive weeks. Sorry, we are not able to support students without American work or student visas at this time. Applications will be reviewed as they are received.

To apply, please email your resume and cover letter to jobsw@motivps.com