

Over the past 20 years, Plexim has become the world's leading provider of simulation software for power electronic systems. Our customers are industrial corporations, research labs and technical universities that develop systems for electrical energy conversion and thus drive e-mobility and renewable energy supply, among many other applications.

With automatic code generation for digital controls, we strive to repeat this success. Automatic code generation enables engineers to quickly implement their control concepts without having to become programmers themselves. At the push of a button, a control diagram is converted into C code, compiled and loaded onto a microcontroller.

Do you want to be part of Plexim's next success story?

Plexim's office in Cambridge, Massachusetts, has the following open position:

## Embedded Engineer

In this role you are a technical expert at the very interface between software and hardware. You excel at the design of C code for microcontrollers and have a solid understanding of mixed-signal electronics. Instead of producing limited application-specific solutions, you develop generic frameworks for microcontroller families that cover a wide range of different applications and requirements and are distributed together with our software PLECS.

### Your tasks:

- ▶ Creation of toolchains for selected microcontroller families
- ▶ Configuration of microcontroller peripherals (ADC, PWM, GPIO, ...)
- ▶ Development of peripheral models for offline simulation
- ▶ Testing, configuration of CI/CD pipelines, documentation and customer support

### Your qualifications:

- ▶ Master's degree or PhD in electrical engineering or computer science (or BS degree with experience)
- ▶ Experience in programming microcontrollers (TI C2000, STM32, ...)
- ▶ Understanding of power electronic systems and their controls
- ▶ Strong conceptual thinking and attention to detail during implementation

### What we offer:

- ▶ A challenging job that requires creative technical solutions
- ▶ A dynamic, owner-managed company with short decision-making processes and a flat hierarchy
- ▶ A team of passionate scientists and engineers who enjoy sharing their knowledge and view our success as a collaborative effort
- ▶ A focus on outstanding product quality and long-term customer benefits rather than short-term financial metrics and deadlines

Please send your complete application by e-mail to [jobs@plexim.com](mailto:jobs@plexim.com).