

## **Printr Embedded software internship**

As an embedded software engineer (intern) you will be part of the R&D team, working on a next-generation piece of equipment that will end up in the next generation of affordable 3D printers. By being part of the R&D team, you will get the deepest insights into the industry and it's (technical) inner workings. Working together with the multidisciplinary team in design, software and hardware engineering you're always being challenged! The embedded software position is focussed on the development and testing of firmware and is a bridge between the lowest level electronics to a higher level websocket implementation.

### **Responsibilities**

**Develop** - Build a basic implementation of websockets in microcontroller firmware, connecting the physical world to the web

**Information** - Provide complete and clear progress information to the project leader.

**Document** - Document on the code and architecture to prevent knowledge loss.

### **About us**

Printr is a Dutch-based startup created to streamline the 3D printing experience. As a spin-off from the University of Twente, Printr was established in Enschede in 2014 and has expanded to a second office in Amsterdam. Formide was developed to create an ecosystem where people can have a productive and painless experience with their 3D printer. Whether the consumer has design experience or is just beginning to experiment with the wonders of 3D printing, they are able to create fun and useful items on their 3D printer.

### **We ask for Experience**

Good experience with Arduino or microcontroller programming

Decent understanding of electronics and embedded systems

Knowledge about the inner workings of a 3D printer

Good experience in C and C++

Good understanding of webtechnology

### **and for someone who is**

Self-starter, Independent, Proactive and responsible

Communicator & Team-player

Creative & Highly organized

Eager to deliver top notch technology.

And has an eye for detail.

### **We offer**

High impact position.

An international team and work environment.

Coffee, lunch and Friday beers are on the house.

A team that is hungry to become the next unicorn.

Monthly internship fee of €250,-

5 month internship starting from September 1, 2016.