**Printr**
**Reverse Engineering Internship**

This internship is a bit of an odd position. Being the company's reverse engineering intern you will be provided with all the tools (and toys) you need to reverse engineer the 3D printers of all kinds and sorts. The goal is to figure out how to control printers that we're not able to tame yet because of either proprietary communication or special functions that we do not yet support.

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!

## 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
A drive to unravel technical mysteries
Experience in debugging electronics and firmware
Good experience in C and C++

## and for someone who is (and has)
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.