



October 6, 2017

Electronics Engineer - Emerging Technologies, IoT

Basel

We are iBot Europe - a Microsoft Ventures backed IoT (Internet of Things) start-up company with global reach. For our office in Basel (Switzerland), we are looking for passionate engineers to help us build iBot Europe. Your work will be very exciting covering hardware, firmware and software that runs on existing and new devices, cloud servers, server-less containers, and everything in between.

IoT systems consist of physical devices, from cars, vending machines, sensor grids and more, that connect to the Internet. There will be 50 billion connected devices in 2020 if current trends continue, and any device that consumes electricity can become connected.

iBot builds meta-products called connected processors using a combination of electronics, telecommunications, firmware and cloud capabilities to help makers create connected experiences for themselves and their customers/consumers. We are the only company to date that offers IoT end-to-end solutions for our clients.

We

- Are a group of passionate technologists and economists from diverse backgrounds
- love building new innovative technologies, and improving our existing ones
- Wear multiple hats. We enjoy the prototyping and tinkering stages, as well as the rigor of making solutions production-ready
- Are fast-growing, agile and collaborative

You

- Enjoy seeing the impact your work has on real customers
- Are excited about the incredible opportunity connected products represent
- Take ownership and doing whatever it takes to get the job done
- Want to create applications at a massive scale used by millions of people
- Use data to make decisions and validate assumptions
- Learn from others and help grow those in your team to achieve their best

Basic Qualifications

- Master's Degree in Electrical Engineering, Microsystems Engineering or equivalent
- Proficiency in a low-level programming language such as C/C++, familiarity with Linux
- Good written and oral communication skills, be a fast learner and have the ability to adapt quickly to a fast-paced development environment
- European citizen or EU work permit holder

Preferred Qualifications

- Experience with digital and analog electronics and power supply design
- Experience in writing firmware and test applications for own hardware (C/C++)
- Experience integrating wireless (cell, WiFi, BLE, etc.) into embedded designs
- Experience creating schematics and PCB layouts
- Experience with various industry standards (compliance, safety, performance, etc.)