At Moxie, we are bringing IoT product concepts to life - giving ideas a pulse. Moxie works with startups and corporations to plan, design, and prototype app-connected electronics.

Embedded Systems Engineer

We are currently looking for an Embedded Systems Engineer for our IoT rapid prototyping initiatives. This role is on a team that is able to take a client IoT product concept, map a path to create devices and apps, and execute on that plan to deliver world class results.

Are you looking for a small, tightly integrated team where everyone brings a respected skillset to the discussion? We are looking for a talented engineer who is passionate about building IoT products and is willing to be responsible and autonomous while building high-tech systems. This position places you within a team of domain experts where you can learn a lifetime of skills from your teammates and solve problems that move the world forward. If you are motivated by continual self-improvement and projects 'done right', please apply.

What You Will Gain

Knowledge and skills from a team at the forefront of IoT development. Self-reliance and the pride of creation from contributing your ideas and work to IoT systems that impact thousands of people around the world.

Your Responsibilities

You will join a team of passionate engineers who each have a role in synthesizing IoT products. Your contributions to this team will include
- Designing circuit boards and selecting sensor ICs
- Writing embedded firmware for IoT devices
- Filtering and modeling sensor data (along with our modeling team)
- Communications design between IoT devices and phones, other devices, and the internet

Requirements
- Ability to solve technical problems independently
- Ability to plan a computer program from point A to B before sitting down to write code
- Bachelors or higher in Electrical Engineering or related field
- 2+ years work experience after school
- 2+ years C++ programming experience
- 1+ years PCB design

Nice to Have
- Experience with embedded C++ (microcontrollers)
- Autodesk Eagle PCB design
- Experience prototyping and debugging PCB designs
- Experience working with mechanical design teams
- iOS app development concepts, Swift language understanding
- Experience with I2C, SPI, UART communication, MQTT and BLE protocols