

ELECTRICAL ENGINEER

RESPONSIBILITIES

Embedded systems, analog & digital electronics, materials, sensors, displays, optics, libraries, hardware, mechatronics, firmware, robotics, and everything else. You will be on a team working with all of it in a fast-paced environment across a variety of contexts and end-to-end projects with an emphasis on physical computing, making the hardware that brings our work to life.

EXAMPLE

1. As an expert in HCI, start as a key contributor to the initial creative discovery
2. Sketch a practical system architecture and support creative goals
3. Research, spec, and test components, sensors, machines, libraries, etc.
4. Prototype, build, and test circuits, and firmware
5. Integrate with industrial and mechanical design
6. Taking prototypes to manufacturing by providing specs and CAD drawings, and working with vendors and/or subcontractors
7. Rigorously test and battle-harden everything
8. Document and archive project notes and resources
9. Collaborate with team to deploy and maintain installations across the globe

QUALIFICATIONS

Must hold some type of Engineering degree or equivalent experience. This role requires a hard-core, technical background

COMMUNICATION

- Generous, comprehensive, and concise multimedia communication skills
- Deep respect and appreciation for clients, collaborators, and vendors
- Fluency with open source technology communities and creative practices

PERFORMANCE

- Humble ability to quickly create functional, practical, and minimal solutions
- Can learn quickly and perform capably and calmly in any situation
- Understanding of your weaknesses and ability to demand help when needed
- Willing to work on both, high level collaborations and low-level workloads

KNOWLEDGE

- Expertise in PCB design software and fabrication techniques, as well as embedded software
- Experience in industrial design and CAD/CAM

this is a full-time, salaried position with benefits
please inquire with cover letter & resume to careers@midnightcommercial.com