

Intermediate Electrical Engineer Term Employment

Company Overview

Ahoy there! We are Barnacle Systems, an award-winning startup based in Victoria, BC. We develop boat security and monitoring products that protect recreational (sailboats and powerboats), industrial, and government vessels around the world! We develop all our hardware, software, and firmware in-house and manufacture all our hardware in Vancouver. We are tremendously proud to be helping protect the environment by preventing boats from sinking.

Job Summary

We are looking for an Intermediate Electrical Engineer for a 5-month term (November 2021 to March 31st, 2022) that will help to grow BRNKL's product line and work on next generation products. The ideal candidate will have had experience in the full lifecycle of designing and testing their own PCBAs. We are looking for someone that is thoughtful, creative, and nice (FYI - our #1 core value is "be nice").

Responsibilities and Duties

- Schematic Design – including component selection, capture design, and electrical simulation.
- Board Layout – including PCB stack up definition, component placement, detailed routing, and rule setting.
- Assist in the build of circuit boards – support the contract manufacturer.
- Analyze and resolve design issues in prototype hardware.
- Research to source parts and equipment from vendors.

Qualifications and Skills

- Strong knowledge of PCB design
- Experience with supporting a board manufacturer, PCB/PCBA
- Schematic capture tools (Eagle or Altium or KiCad)
- Proficient understanding of code versioning tools, such as Git.
- Familiar with EMI/EMC requirements and how to mitigate in design
- Experience with Linux and single board computers

Benefits and Perks

- Option to either work remote, from our land office, or our floating office.
- Vintage N64 and Switch game systems at the office for epic Mario Kart battles.

Interested?

Send us an e-mail to ahoy@brnkl.io with your resume and cover letter.

