David C. Baldwin

2286 Ottawa Avenue, West Vancouver, BC 604-315-8008 ubc.davidbaldwin@gmail.com

Education

Bachelor of Applied Science – Computer Engineering — Degree anticipated May 2017
University of British Columbia — Vancouver, BC

Relevant Courses

EECE 281 Electrical and Computer Engineering Design Studio, EECE 269 Signals and Systems, EECE 259 Introduction to Microcomputers (VHDL Design)

Technical Work Experience

May, 2014 – September, 2014 — Ecotrust Canada Ltd.
Junior Software Engineering Intern

- Collaborated with team members in web application development, testing, support and deployment of ThisFish.info, North America's largest fish product-traceability service.
- Used Python, Django, jQuery, Postgresql, Javascript, NodeJS, Open Layers and GIS to develop new features. Helped with assembly and updating of electronics on marine sensor boxes.

June, 2013 – August, 2013 — Kensington Medical Clinic
Lead Developer

- Developed tables and algorithms and related and optimized document search engine for accessing medical referral forms using NodeJS. Used jQuery, NodeJS and Postgres stack for server and client side development.
- Learned to engage in purposeful consultation with customer and deliver product in a timely manner.

June, 2010 – April, 2013 — Countable Web Services
Junior Developer

Worked with lead developer and medical staff to conceive and create a calendar-based schedule for use on medical clinic web site using Django, NGINX and mySQL.

Projects

- **PentesterLabs.org Security Labs** (September 2014). Completed multiple crypto and pentesting challenges through test VMs Learnt basic crypto vulnerabilities and how to exploit
- **Twitch Flies Drones** (September 2014) Collaborated with team members to build a IRC controlled drone in under 36h. Used NodeJS and Python on the backend along with the Parrot AR Drone API

Technical Skills

Web App Development

- PostgreSQL
- NodeJS
- jQuery

Software Development

- C, Objective C
- Assembly
- Python
- Golang

Electrical

- Microcontroller Design
- Circuit Analysis
- FPGA Design
- VHDL