

Erik Dolinsky

Computer Engineer

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604.446.0778

Qualifications

- Strong foundation in Software Engineering and Computer Science best practices
- Experience with product development spanning hardware to web applications, and everything between
- Insatiable craving to master new technologies and tackle intimidating challenges

Education

University of British Columbia

September 2013 – May 2018

Bachelor of Applied Science – Computer Engineering, Minor in Commerce

Experience

STAT Search Analytics <https://getstat.com>

April 2017 – August 2017

Software Developer Intern

- Optimized Amazon Machine Images for a fleet of 3,000 virtual machines, reducing storage costs by 87.5%
- Maintained a large scale (5.7M pages/day) web crawler, web app, reporting software, and internal tools daily

University of British Columbia

January 2017 – December 2017

Undergraduate Teaching Assistant

- Effectively conveyed software engineering best practices and computer systems concepts to undergraduate students and fostered learning through interactive lab sessions, office hours, and online class forums

Neurio Technology, Inc. <http://neur.io>

January 2016 – August 2016

Software Developer Co-op

- Designed and implemented a model assessment system for Neurio's nonintrusive load monitoring (load disaggregation) analytics software, which was run over 10,000 times within its first 6 months
- Identified inefficiencies in existing load testing frameworks, and implemented an alternate framework which improved memory utilization by 90% and was extended into a demo tool, boosting sales lead retention by 20%

Rainforest Automation, Inc. <https://rainforestautomation.com>

May 2015 – December 2015

Technical Support & Test Engineer

- Lead product integration testing and development of demonstration platforms for an intelligent energy monitoring and load control gateway, ultimately contributing to 3 successful RFP bids
- Reduced number of outstanding customer support issues by 96% within 1 month of employment through persistent communication and re-organization and documentation of support procedures

Projects

UBC Sailbot <https://ubcsailbot.org>

September 2016 – April 2017

Obstacle Detection Lead

- Lead by example in a team of 5 to research, design, and develop obstacle detection and avoidance systems for Ada 2.0, a fully autonomous sailboat with which the team hopes to compete in the 2018 Vic-Maui Yacht Race

Tool Kit

Aspiring Polyglot – Java, C++, C, Python, Ruby, JavaScript, Bash, SQL

Platform Agnostic – Linux, Mac, or Windows development. I've deployed on AWS, Heroku, Azure, and DigitalOcean.

Interests

Professional Affiliations

- Distributed systems, big data, artificial intelligence, machine learning
- Sustainable energy, the Internet of Things, autonomous systems

APEGBC – Student Member
IEEE – Student Member