

# Erik Dolinsky

Computer Engineer

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604.446.0778

## Qualifications

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

## Experience

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**Sauce Labs** <https://saucelabs.com>

May 2018 – Present

Software Engineer

- Responsible for end-to-end product ownership of Sauce Labs' private cloud services in a DevOps culture

**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.** <https://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

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**UBC Sailbot** <https://ubcsailbot.org>

September 2016 – April 2017

Obstacle Detection Lead

- Lead by example in a team of 5 to develop obstacle detection and avoidance systems for a fully autonomous sailboat

## Tool Kit

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

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

## Education

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**University of British Columbia**

September 2013 – May 2018

Bachelor of Applied Science – Computer Engineering, Minor in Commerce