

# Erik Dolinsky

Software Engineer

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## Qualifications

- Insatiable craving to master new technologies and tackle intimidating challenges.
- Proven experience designing and implementing software systems and owning them end-to-end in true DevOps fashion.

## Experience

**Software Engineer**, Sauce Labs

May 2018 - Present

- Implemented numerous features for Sauce Labs' cloud infrastructure platform and tunnel proxy product
- Redesigned Sauce's statsd/graphite monitoring stack to handle load in excess of 3.5 million metrics per minute and cut query latency by 80%
- Revitalized Sauce Cloud monitoring through the introduction of a highly scalable Prometheus-based monitoring platform using prometheus-operator and Thanos.

**Software Developer Intern**, STAT Search Analytics

Apr. 2017 - Aug. 2017

- Optimized images for a fleet of over 3,000 EC2 Instances, reducing operational costs by 87.5%
- Automated ETL process for migration of incoming clients' tracking data from competitors' products
- Maintained STAT infrastructure, internal tooling, and custom reporting software

**Software Developer Co-op**, Neurio Technology Inc.

Jan. 2016 - Aug. 2016

- 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
- Iterated on load testing frameworks, improving memory utilization by 90% and extended it into a demo tool, boosting sales lead retention by 20%

**Technical Support & Test Engineer**, Rainforest Automation Inc.

May 2015 - Dec. 2015

- Lead product integration testing and development of demonstration platforms for Rainforest's intelligent energy monitoring and load control gateway
- 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

## Tool Kit

- **Languages:** Python, Go, Ruby, Java, C++, C, Javascript, and Bash
- **Platforms:** Kubernetes, VMs and bare metal, public and private cloud
- **Configuration Management:** Ansible, Terraform
- **Continuous Integration:** GitLab, Travis CI

## Education

**University of British Columbia**

2018

Bachelor of Applied Science - Computer Engineering, Minor in Commerce