

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%
- I'm currently working on a Prometheus-based monitoring platform that will scale up to scale up to hundreds of thousands of individual endpoints, and support many of the teams at Sauce

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, in both public and private cloud
- **Configuration Management:** Ansible, Terraform, and a bit of Chef
- **Continuous Integration:** GitLab, Travis CI, and Jenkins

Education

University of British Columbia

2018

Bachelor of Applied Science - Computer Engineering, Minor in Commerce