

Eric Chlebek

SOFTWARE ENGINEER · SYSTEMS PROGRAMMER · OPEN SOURCE DEVELOPER

Burnaby, BC, Canada

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“The real question is not whether machines think, but whether people do.” —B.F. Skinner

Summary

Eric is a versatile and experienced computing professional who has found himself in many demanding and compelling roles throughout his career spanning 15 years. Eric found his first remote work position in 2017. He hasn't returned to the office since, and has enjoyed collaborating with people around the globe on OSS. Eric is seeking to join a dynamic and energetic team that delivers high quality software at a robust cadence.

Work Experience

Sumo Logic

STAFF SOFTWARE ENGINEER

Redwood City, California (Remote)

Acquired: Mar. 2021 - Present

- Maintainer and subject matter expert, Sensu Go
- Team lead, Open Source Collection
- Maintainer of Sumo Logic's OTel collector and k8s collection
- Engineering liaison for vendor service negotiation
- Key person for cross-functional communication between engineering teams
- Subject matter expert, Linux software distribution and delivery

Sensu

SENIOR SOFTWARE ENGINEER

Portland, Oregon (Remote)

Nov. 2017 - Mar 2021

- Developer and maintainer of Sensu Go
- Subject matter expert, databases (etcd, PostgreSQL, boltdb)
- Subject matter expert, distributed systems and concurrency
- Continuous performance tuning with Prometheus and Grafana
- Maintainer of Sensu's open source projects and community leader
- Customer-specific solutions for customers tracking tens of thousands of events per second

Go2Mobi

SOFTWARE DEVELOPER

Vancouver, Canada (On-Premise)

Nov. 2016 - Nov. 2017

- Software developer working on ad-tech services
- Developer and maintainer of high-throughput Go services running on k8s
- Health and performance monitoring with Sensu Classic, Prometheus and Grafana
- User of RabbitMQ, PostgreSQL, Redis

Zymeworks

SOFTWARE DEVELOPER

Vancouver, Canada (On-Premise)

Oct. 2010 - Nov. 2016

- Software developer facilitating work between computational chemists and biologists
- High performance grid computing, molecular simulations, molecular visualizations
- Cost optimization for in-vitro studies
- Developer and maintainer of in-house Python, Java and C/C++ libraries
- Performance optimization, C/C++ libraries
- Subject matter expert, Sun Grid Engine

UNBC contracting grant

SOFTWARE DEVELOPER

Prince George, Canada (Hybrid,
Remote & On-Premise)

Contract Basis, 2009 - 2010

- Real-time decoding of UDP packets from terahertz radiation scanner at line rate
- Data visualization workflow with LabView
- Simple robotics programming for scanner control arm, implemented at industry site
- Interfaced with GNU Octave and Matlab for analysis workflows
- Worked as a “one man band” alongside a physics professor and EE grad student

Open Source Maintainership and Contribution

opamp-go

CONTRIBUTOR

- Added support for a websocket CheckRedirect hook
- Added staticcheck linting to opamp-go
- Fixed lint and bugs found through static analysis

MIT License

2023

staticcheck

CONTRIBUTOR

- Learned the structure of the staticcheck codebase, one of the most widely used Go linters
- Added SA1031, a check that detects incorrect use of encoders in Go programs
- Added SA9009, a check that looks for ineffectual Go compiler directives
- Small bug fixes and code cleanup

MIT License

2023 - 2024

sensu-go

MAINTAINER

- Developer and maintainer of sensu-go
- Contributed many backend features and APIs
- Merged community-submitted PRs and worked with external contributors

MIT License

2017 - 2023

go-yaml

CONTRIBUTOR

- Contributed a feature adding support for the json.Number interface to go-yaml

MIT License

2019

errcheck

MAINTAINER

- Assisted kisielk with maintaining errcheck after he moved away from Go development

MIT License

2018 - Current

Presentation

USENIX Lisa 2019

PRESENTER: CREATING A DISTRIBUTED ROUND ROBIN SCHEDULER WITH ETCD

- Detailed the development of a distributed round-robin scheduler built on etcd
- Described the basics of the raft consensus algorithm

Portland, Oregon

2019

Vancouver Python Meetup

PRESENTER: PERFORMANCE OPTIMIZATION IN PYTHON

- Described the basics of optimizing Python programs with benchmarking and profiling tools

Vancouver

2014

Education

University of Northern British Columbia

B.SC. COMPUTER SCIENCE

- Excelled in theory of computation, robotics, and search algorithms
- Became a (bad) ranked Go player
- Hired to do IT work within the University before graduating

Prince George, Canada

Mar. 2005 - Aug. 2010