# 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

*Redwood City, California (Remote)*

Staff Software Engineer

*Acquihired: 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 liason for vendor service negotiation
- Key person for cross-functional communication between engineering teams
- Subject matter expert, Linux software distribution and delivery

### Sensu

*Portland, Oregon (Remote)*

Senior Software Engineer

*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

*Vancouver, Canada (On-Premise)*

Software Developer

*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

*Vancouver, Canada (On-Premise)*

Software Developer

*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

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

Software Developer

*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

*MIT License*

Contributer

*2023*

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

### staticcheck

*MIT License*

Contributer

*2023 - 2024*

- 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

### sensu-go

*MIT License*

Maintainer

*2017 - 2023*

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

### go-yaml

*MIT License*

Contributer

*2019*

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

### errcheck

*MIT License*

Maintainer

*2018 - Current*

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

## Presentation

### USENIX Lisa 2019

*Portland, Oregon*

Presenter: Creating a Distributed Round Robin Scheduler with Etcd

*2019*

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

### Vancouver Python Meetup

*Vancouver*

Presenter: Performance Optimization in Python

*2014*

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

## Education

### University of Northern British Columbia

*Prince George, Canada*

B.Sc. Computer Science

*Mar. 2005 - Aug. 2010*

- 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