Eric Power

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EDUCATION

BSc. in Computer Science
University of Victoria, 2021
Software Systems Option

ABOUT ME

Languages

Python

Clojure

Javascript (React)

Ruby

Tools

Linux (Ubuntu, Debian)

Git

Google Cloud

Developed Attributes

Written and Oral Communication

Research Ability

Critical Thinking

Product Management

Interests

Data Processing and Security

Concurrent Programming

Workflow Automation

Programming Language Design

EXPERIENCE

Data Integration Analyst Nov 2021 - Present
Audette Analytics Inc

Took our data ingestion process from roughly 3 hours per building to under 1 hour in less than a month.

Director Apr 2017 - Apr 2019
Canadian Federation of Engineering Students (CFES)

Led the creation and implementation of the first standing board committees (finance and audit committees), as the CFES moved from a working Board to a governance Board.

Drafted new CFES incident response policies, resulting in a 300% increase in incident reports. This allowed the CFES to better understand the organization's cultural and systemic issues.

President May 2018 - Jan 2019
UVic Engineering Students' Society (ESS)

Led a major organizational restructure which improved the long term planning mechanisms, increased decision-making speed, and grew the number of volunteers.

Designed and implemented new volunteer training systems, increasing the quality and quantity of services provided by the ESS.

Launched a long-term project to build a new space for student teams, and coordinated with university faculty regarding fundraising initiatives.

PROJECTS

Easel Dashboard

To simplify managing individual servers, I built Easel Dashboard: a highly customizable dashboard that lets you run scripts via your web browser without worrying about executing foreign code. The dashboard receives command output and server health information via a custom protocol built on top of a websocket.

Lazy Linear Algebra

Lazy Linear Algebra is a programming language that makes the linear algebra needed for basic quantum computing fast and exceptionally easy. It features a bespoke lexer, parser, interpreter and REPL.