Eric Power

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EDUCATION

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

ABOUT ME

Languages

Python

Ruby

Bash

Javascript (React)

Tools

Linux

Git

AWS (RDS, Amplify)

Postgres

Sqlite3

Developed Attributes

Written and Oral
Communication

Research Ability

Critical Thinking

Interests

Ethical Use of Data

Building Effective Teams

Workflow Automation

Programming Language
Design

History of the Post-Napoleonic
Wars Period

EXPERIENCE

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
better understand the organization's cultural and systemic
issues.

Created an executive performance review system to
provide timely course correction.

Engineering Intern   Jan 2016 - Aug 2016
CH2M Hill, Water Business Group

Interviewed senior staff at Metro Vancouver and drafted
training documents based on the knowledge captured in
these sessions.

Performed load modelling to verify the electrical system
design of a water treatment plant.

Monitored construction progress on large waste water
treatment plant upgrades to ensure compliance with
contract and client instructions.

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.

PROJECTS

Lazy Linear Algebra

Lazy Linear Algebra is a programming language that
provides a clean and flexible syntax, and powerful linear
algebra functionality. It features a bespoke lexer, parser,
interpreter and REPL built in Ruby 3.

Personal Website

My personal home on the web is at ericpower.ca. Built
using React and served using AWS this website hosts files I
want to share, examples of my writing, and more.