







Contact

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 Vancouver, BC

Education

MSc in Geological Sciences
2010 - 2013
The University of British Columbia

BSc Geog. Biogeosciences
2006 - 2010
The University of British Columbia

Skills

- JavaScript | React | Next
- Node.js | Express
- Firebase
- Python
- Solidity | Hardhat
- HTML | CSS
- Git | GitHub

Nathan Fretz

Passionate about web development, personal finance, investing, economics, Bitcoin, and decentralized blockchains. Interested in working for companies that build products I love.

SELECT PROJECTS

PERSONAL WEBSITE

[View Code](#) / [View Website](#)

JavaScript | HTML | CSS

A personal website to showcase select projects and function as an online resume. No libraries or frameworks used. I update this regularly, so please visit the site for additional projects and details.

SQWORDLE - WORDLE FOR POKÉMON

[View Code](#) / [View Website](#)

JavaScript | React | Firebase | HTML | CSS

A daily Pokémon guessing game, inspired by the popular game Wordle. The game is played by over 2000 people per day. The surge in popularity led to me gaining experience in database management, adapting user feedback to a live site, tight version control in Git, and testing to ensure that updates do not break the app for existing users.

INVESTMENT DASHBOARD

[View Code](#) / [View Website](#)

JavaScript | Node.js | Express | React | HTML | CSS

An investment dashboard for tracking a portfolio of stocks and crypto assets. The user can view company financials and price history for stocks and crypto assets, made possible by consuming data from multiple APIs.

WORK EXPERIENCE

HYDROGEOLOGIST, P.GEO

Golder Associates | Vancouver, BC | 2013 to 2021

Engaged in hydrogeological investigations throughout British Columbia and the Territories. Provided input and technical review to hydrogeological investigations in aquifer characterization, tunnelling, seepage and dewatering, remediation, and numerical and analytical modelling of groundwater flow and transport.