

Natalie Gereluk

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I am a Full Stack Engineer who holds two Bachelor's degrees - a B.A.Sc. in Electrical Engineering from UBC and a B.A. in Political Science from McGill. I have a wide breadth of experience including living and working in China, Argentina and the oilfields of northern Alberta. I speak French, Spanish, conversational Mandarin and am working on my Ukrainian.

Experience

Tropical Galaxy Calgary, AB

November 2022 - Current

Full Stack Software Engineer (Contract)

- Built a blog that pulls content from Notion API using Next.js/React.js/MongoDB
- Building a sports collective NFT marketplace using Next.js/React.js/MongoDB

CanImmunize Ottawa, ON (remote)

June 2021 - November 2022

Full Stack Software Engineer + Data Tech Team Lead

- Built and maintained end to end vaccination solution (booking, logging immunization, issuing PVC) for provinces, hospitals, municipalities using React/Node.js/Postgres/AWS
- Managed Data Quality team by creating processes from scratch and documenting in Confluence, leading weekly 1 on 1s, conducting performance reviews, leading regular team training sessions and representing Data team at meetings with clients
- Created and led organization level team that improved collaboration between Help Desk and Data team by holding quarterly reviews of common tasks, writing cross team documentation to standardize ad hoc processes, managing deadlines for deliverables
- Taught bi monthly yoga classes as part of company health and wellness initiative

AvanTech Inc. Calgary, AB

May 2018 - June 2021

Full Stack Software Engineer + Lead Project Manager

- Designed, built, maintained and tested programs for clients in Oil and Gas, Real Estate, Education and Manufacturing using ASP.NET/Telerik/SQL and Vue.js/Node.js/Firebase
- Introduced best practices - QA/unit testing, Agile methodology, customer success program
- Managed 8 engineers on projects valued at up to \$40k. Conducted performance reviews, lead and planned sprints, assisted with interviews, generated quotes/invoices, trained users

SDS Consulting Calgary, AB

September 2014 - September 2017

Scribe

- Assisted in process safety reviews (HAZOP) of Oil and Gas projects using PHA Pro
- Successfully sold 10k+ COR audits by cold calling

Hiconics Eco-energy Technology Co., Ltd Beijing, China

May 2013 - September 2013

Intern

- Translated company website and marketing materials into Spanish

MVP Oilfield Services Fort McMurray, AB

May 2012 - September 2012

Labourer

- Helped a welder on the STP Kaybob Oil Battery

Education

University of British Columbia Okanagan, Bachelor of Applied Science - Electrical

Engineering 2016 - 2020

- Capstone - Design of Tractive System for EV- MATLAB/Simulink modeling team lead
- Design and simulation (test bench) of CPU using System Verilog
- Design of Manchester Carry Adder (CMOS) in Cadence Virtuoso
- Design of Finite Difference Time Domain Simulator from scratch in MATLAB Simulink

McGill University, Bachelor of Arts - Political Science, Minor in East Asian Languages 2010 - 2014

- Conducted an independent study writing an undergrad thesis on charter proofing
- Gained working proficiency in Mandarin Chinese (reading, writing, speaking)

Additional Information

- **Programming Languages:** JavaScript, TypeScript, C#, Java, Python, CSS, HTML, SQL, Assembly, Verilog HDL
- **Technical Skills:** AWS, Firebase, Vercel, React.JS, Next.JS, MonogoDB, Docker, Postman, CircleCi, React.js, Node.js, Express.js, Rest APIs, tRPC, Prisma, Webpack, ESLint, SvelteKit, Axios, T3 App
- **Interests:** Backpacking, yoga, skiing, painting