

Edward Zou

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EXPERIENCE

Software Engineering Co-op

Jan. 2022 – Aug. 2022

Dodge Construction Network

Vancouver, BC

- Developed high quality software and features in accordance with team requirements and feedback
- Diagnosed and resolved a performance issue, resulting in a 30% increase in page rendering speed
- Implemented unit test code and provided assistance in additional relevant test automation
- Played a key role in advancing ongoing enhancements for both existing and future systems
- Worked closely with other functional groups including Quality Assurance, Operations and Client Services

Co-Founder and Chief Innovation Officer

July 2019 – June 2021

Popular Innovation Inc.

Calgary, AB

- Influenced and directed IT infrastructure to drive key business strategies and processes
- Applied emerging technology knowledge to achieve key business objectives
- Built agile and responsive teams to maintain cloud-based and stand-alone systems
- Collaborated seamlessly with various teams throughout the duration of different projects and milestones
- Served as member on the board of directors

Data Analyst and Blockchain Engineer

May 2021 – Aug. 2021

HACCTECH Ltd.

Calgary, AB

- Utilized Python/SQL to conduct various Data Analytic tasks, including data wrangling, exploratory data analysis, data trending, feature extraction, pattern interpretation, BI dashboard with Tableau
- Fully implemented blockchain ecosystem by integrating cryptography, Ethereum, coupling with designing, multi-threaded coding, testing, troubleshooting, and evaluating blockchain projects

PROJECTS

Flash | *JavaScript, HTML/CSS, Prisma, Node.js*

Jan. 2023 – Present

- Developed a full stack web application aimed to connect students and tutors seamlessly
- Designed and implemented user-friendly profiles for both students and tutors, enabling students to post standard listings or express needs through fast listings, while tutors can engage through personalized contact information
- Crafted an intuitive UI and front-end experience leveraging JavaScript, ensuring a seamless user journey
- Engineered a robust back-end system utilizing Prisma, featuring custom API endpoints, and hosted the application within a Node.js server environment

insightUBC | *TypeScript, JavaScript, HTML/CSS, Node.js*

Sept. 2022 – Dec. 2022

- Developed a full stack web application which enabled users to query UBC campus metadata
- Enabled users to search for courses by average criteria or find certain course's average
- Designed and fine-tuned the user interface and front-end using JavaScript and HTML/CSS
- Developed functionalities with Node.js hosted back-end in TypeScript along with RESTful web server architecture

EDUCATION

The University of British Columbia

Vancouver, BC

Bachelor of Science in Computer Science

Sept. 2019 – May 2024

CERTIFICATION

Microsoft Certified

Remote

Microsoft Azure Developer Associate (AZ-204)

July 10, 2023

- Develop Azure compute solutions and Azure storage
- Implement Azure security
- Monitor, troubleshoot, and optimize Azure solutions
- Connect to and consume Azure services and third-party services

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS, R, Haskell, LaTeX

Frameworks: Angular, React, Node.js, Django, Express, Spring, Docker, Azure Functions

Developer Tools: Git, Docker, VS Code, Google Cloud Platform, Azure Portal, Amazon Web Services, IntelliJ, Eclipse