Edward Zou

587-890-1988 | edwardzou10@gmail.com | linkedin.com/in/edward | github.com/edwzou

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

EXPERIENCE

Front-End Developer — Jan. 2022 – Aug. 2022
Dodge Construction Network — *Vancouver, BC*
- Developed high quality software and features as required by the team
- Implemented unit test code and assisted in other relevant test automation
- Contributed to continue improvements of multiple existing and future systems
- Worked closely with other functional groups including Quality Assurance, Operations and Client Services

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

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
- Served as member on the board of directors

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

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS, R, Haskell
Frameworks: Angular, React, Node.js, Express, Spring, Azure Functions
Developer Tools: Git, Docker, VS Code, Google Cloud Platform, Azure Portal, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib