

Jamie Ma

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TECHNICAL SKILLS

Programming Languages:

- JavaScript (React)
- TypeScript (Angular)
- HTML & CSS
- Python
- Java
- C++
- C
- SQL

Tools & Environments:

- Git & GitHub
 - Visual Studio & VS Code
 - IntelliJ
 - Power Automate & BI
 - R & RStudio
 - MySQL
 - Node.js
 - AWS
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TECHNICAL PROJECTS

MLB Transactions Notifier – Python

Aug 2025

- Developed a script to parse MLB Stats API transaction data into a structured and easily digestible format
- Automated the workflow with GitHub actions and delivered updates through a Discord webhook

Mining, Eh? - D3.js, JavaScript, HTML, CSS

Mar - Apr 2025

- Implemented an interactive D3.js visualization to help users explore Canada's rich mining history
- Standardized raw data to surface new metrics that enabled deeper insights and consistent analysis

Boulder Tracker - React, JavaScript, Bootstrap, Node, Express, MySQL, AWS

Jan 2023 – Feb 2024

- Built a full-stack web application that allows users to track their progress when bouldering
 - Developed a responsive React frontend with create, read, update, and delete functionality
 - Created a REST API backend using Express and Node connected to a MySQL database hosted on AWS
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WORK EXPERIENCE

Software Developer Co-op – Visier Inc | Vancouver, BC

May - Dec 2024

- Enhanced core features of the flagship platform, Visier People, as a full-stack developer (Angular & Scala)
- Elaborated and developed a high-impact feature showcased during a company-wide quarterly meeting
- Implemented AI-powered summarization features within the core application
- Validated and tested bug fixes during weekly review sessions to ensure regressions were not introduced

Global Talent Technology Co-op - Teck Resources Limited | Vancouver, BC

Apr - Dec 2023

- Supported recruiters globally via the sustainment of 18 applications within the recruitment technology stack
- Saved numerous FTEs by producing and sustaining critical Python scripts that automate daily manual tasks
- Utilized 15+ Power Automate flows to document and resolve 600+ issues raised by clients
- Crafted Power BI dashboards to highlight KPIs used to justify application adoption, usage, and renewal
- Integrated four recruitment technologies into the enterprise HRIS system (SAP SuccessFactors)

Computer Science Teaching Assistant - University of British Columbia | Vancouver, BC

Jan 2022 - Apr 2023

- Aided up to 30 students per class in the completion of weekly labs and other course related work
 - Provided one-on-one assistance and guidance during weekly office hours
 - Collaborated with course staff during weekly meetings to update and improve course material
 - Accurately marked problem sets, assignments, and exams in a timely manner
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EDUCATION AND AWARDS

University of British Columbia - Vancouver, BC

Expected Graduation: Dec 2025

Bachelor of Science - 4th Year, Combined Computer Science and Mathematics

GPA: 92.3%

- Science Scholar Dean's Honour List (2022-2025)
- Adrian Francis Mulligan Memorial Scholarship in Mathematics (2023)
- Trek Excellence Scholarship for Continuing Students (2022 & 2023)
- J Fred Muir Memorial Scholarship in Science (2022)