

Gabriel Moosmann Mendez

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TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, HTML, CSS, C++/C, C#, SQL, Java, R, Swift, GraphQL
Environments/Frameworks: VS Code, IntelliJ, R Studio, Jupyter, Node.js, React, Express, Redux, React Native, .NET
Tools/Testing: MongoDB, Postman, Docker, JUnit, GDB, Mocha, Chai, Playwright, Vitest

PROJECTS

Personal Portfolio (Website) <https://gabriel-m-m.github.io/>

- Designed a user-friendly website showcasing experience, interests, and skills
- Composed reusable, modular site structure using React and HTML
- Implemented clean and responsive UI with only vanilla CSS

TripSafe (iOS Application) <https://github.com/gabriel-m-m/TripSafe>

- Created an iOS mobile application using Swift that displays location-based travel safety information
- Built an intuitive and readable interface using SwiftUI
- Parsed location and directional information by employing the TabularData and MapKit libraries

Ledger (Java Application) <https://github.com/gabriel-m-m/Ledger-Project>

- Developed a Java application that tracks and records transactions between an arbitrary number of users
- Implemented a user-friendly GUI using the Swing library
- Utilized automated JUnit testing to ensure proper function of program and quality code

Data Visualization Tool (Python Tool) <https://github.com/gabriel-m-m/Data-Visualization-Tool/>

- Developed a program in Python that converts scientific publication data into a graphic based on shared authorship
- Employed the Pandas library for data manipulation and the NetworkX and Bokeh libraries to visualize data

EDUCATION & AWARDS

Bachelor of Science, Computer Science | 2021 – present (4th year)

University of British Columbia, **GPA:** 4.33/4.33

Relevant Courses:

- CPSC 310 (Software Engineering) – **Skills:** TypeScript, Node.js, Agile, Scrum, REST, TDD, OOP, CI/CD, Teamwork
- CPSC 340 (Machine Learning) – **Skills:** Python, ML Models, Neural Networks, Deep Learning
- CPSC 304 (Relational Databases) – **Skills:** SQL, Database Design, Normalization, Agile, Teamwork
- CPSC 221 (Data Structures & Algorithms) – **Skills:** C++, OOP, Algorithms, Data Structures, Teamwork

Scholarships:

- UBC Trek Excellence Scholarship: awarded to the top 5% of domestic undergraduate UBC students (2023)
- Charles and Jane Banks Scholarship (2023)
- AAPS Education Award (2022)
- Tumour Foundation of BC Scholarship (2021)

WORK EXPERIENCE

Geotab, Software Developer Intern | May 2025 – present

- Migrating legacy application areas to React and applying modern software design principles
- Delivering efficient, well-tested solutions ahead of Agile sprint deadlines

Optum, Hybrid Software Development and QC Engineer | September 2024 – April 2025

- Developed an internal web application using Angular, .NET, and SQL, decreasing build times by over 50%
- Collaborated with cross-functional teams to meet release deadlines using Agile methodologies
- Applied object-oriented design principles to create high quality C# and TypeScript code
- Performed regression testing and ported changes across multiple active release versions

Famous Foods, Store Clerk | June 2019 – April 2020

- Collaborated with colleagues and other departments to ensure effective store operation
- Provided customer support including helping customers locate products, providing product knowledge, and answering questions
- Managed and organized produce section in order to keep it fully stocked and clean