

Peter Liu

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Education:

University of British Columbia

- Combined Major in Computer Science and Statistics 2018 to Dec 2023
- Major in Microbiology and Immunology 2016 to 2018

Achieved UBC Science Dean's List standing with cumulative "A" average (88%)

Skills:

- Programming languages: Java, C++, R, C, Python, SQL, JavaScript
- Software development tools: GitHub, CSS, HTML, React, Express.js, MongoDB, Mongoose, Render, Vercel

Work Experience:

Software Engineer, Kardium

May 2021 to Dec 2021

- Implemented a script in Java to automate the process of opening up design schematics and taking screenshots of them
- Developed a script in python that identified visual differences between design schematics; highlighted the variations with colour for easy identification
- Created specification documents for the above scripts

Software Developer, Transoft Solutions

Sept 2020 to Apr 2021

- Created technical documentation for the GuideSIGN and AQCESSRAMP civil engineering CAD software
- Fixed bugs in the GuideSIGN/AQCESSRAMP codebase in C++ so that CAD drawing tool functions behave correctly
- Fixed AQCESSRAMP unit test suite in C++ so that tests recorded AQCESSRAMP function runtime performance and also provided informative feedback messages

Projects:

StudyDash (Team Project)

May to August 2023

- Developed a full-stack MERN application to help users maintain good work habits
- I implemented a TODO list manager module for the application using the MERN stack to help users keep track of all of their assignments/tasks