Rae McPhail

Software Engineer

raemcphail@gmail.com | 403-437-1161 | Calgary, AB

Summary

Self-motivated Software Engineering graduate with a fundamental knowledge of software design, development, testing and a passion for learning. Seeking the opportunity to further develop technical skills and contribute to a team as a junior software engineer.

Skills

Languages

JavaScript, C, C++, Java, Python, HTML, CSS, SQL

Tools

Git, NodeJS, VueJS, Jira, VSCode, MongoDB

Education

Bachelor of Science in Software Engineering *with Distinction*
University of Calgary | 3.7 GPA | Graduated 2021
Dean's List for all semesters

Relevant courses

WebBased Systems, Software Testing, Database Management, Data Structures and Algorithms, Software Architecture

Projects

Bottoms Up
Cocktail recipe website using VueJS and APIs allowing users to search by name or available ingredients

Drawing with Friends
Collaborative VueJS website with live multi-user drawing board, user accounts, rooms and messaging stored in MongoDB

Animagic | Project Manager
Entrepreneurial capstone project developing a full 2D and 3D animation suite with painting tools, object manipulation and frame interpolation using C++ and GDK libraries

Experience

Software Developer Intern | Arterys Inc.   Co-Op Program
- Worked remotely using Agile Software Development
- Unit and Integration testing
- Bug fixes
- Typescript, MongoDB, Git, Jira

Curriculum Designer and Instructor | Engenuics Technologies Inc.   Summer Job
- Created and delivered activities to teach engineering concepts
- Programed development boards with Embedded C for use during activities
- Supported learning during other activities