

MASON MACDONALD

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OBJECTIVE

Software Engineer with 1.5+ years of experience in software development, seeking a full-time role in a development team.

EDUCATION

Computer Engineering Technology - Computing Science, Algonquin College

Graduated 2023

SKILLS

Technical Skills	C#, Java, C/C++, JavaScript, CSS, HTML, PostgreSQL
Soft Skills	Leadership, Responsibility, Congeniality, Communication

EXPERIENCE

Software Developer

Goodly Cloud

Sept 2022 - Apr 2023

Plantagenet, ON

- Creating and maintaining RESTful API's using C#.
- Revising database architecture for flaws and optimizations.
- Creating unit tests to ensure code stability and consistency.

Junior Software Developer

PiiComm Inc

Aug 2021 - Sept 2022

Plantagenet, ON

- Creating and maintaining RESTful API's using C#.
- Assisted the QA team in implementing Selenium and Robot Framework tests.
- Assisted with Front-End development using Vue.js.

Store Manager

Shoppers Drug Mart

Feb 2020 - Aug 2020

Cornwall, ON

- Managed a team of over 50 employees

PROJECTS

Snowflake Modeller. Built a tool to create snowflakes for 3D printing and laser-etching, using HTML, CSS, and JavaScript. Presented at a showcase alongside 2 team members for a client. Try it at the following link! ([Try it here](#))

Language Creation. Designed a programming language to be used in the creation of inventory management systems. Featuring a custom parser, lexicon, and interpreter.

Technical Report Authoring. Wrote a 65 page report documenting the development process. This included in depth accounts of designing, developing, and testing of a completed product.

EXTRA-CURRICULAR ACTIVITIES

- Learning about vector databases and their applications in data recognition software. Currently developing an implementation to aid in identifying emotions from a facial image.

LEADERSHIP

- Acted as team lead in the creation and development of a snowflake modeller