

Thomas Britnell

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EDUCATION

McMaster University

Bachelor of Engineering, Software Engineering Co-op

- Summa Cum Laude, 3.8/4.0 GPA
- Worked in Software Industry through 2020 for Co-op program

2017 – 2022
Hamilton, ON

CompTIA

Network+ and Security+

- Working towards CompTIA Network+ and Security+ certifications through independent online study

Sep. 2023 – Present

WORK EXPERIENCE

Adlib Software

Software Developer

- Developed new features for enterprise software
- Conducted thorough QA regression testing, using manual and automated methods to uphold high quality standards
- Utilized Azure for version control, contributing to a large code-base with multiple branches, versions, and builds whilst following best-practises

Languages/Tools: C#, Azure DevOps Server, Visual Studio, .NET, Microsoft SQL Server Management Studio, Selenium

Jan. 2020 – Dec. 2020

Burlington, ON

Uber

Delivery Driver

- Delivered food in a timely and friendly manner
- Maintained 100% satisfaction rating for over 200 deliveries
- Numerous customer compliments in-app, such as "Quick and efficient", "Delivered with care", "Friendly service"

Relevant Skills: Time Management, Problem Solving, Flexibility, Customer Service, Communication, Multitasking

2022 – Present

Newmarket, ON

PROJECTS

"Brick Builder"

- Created a fully modularized 'LEGO' style brick modelling application
- Uses matrix calculations to facilitate translation and rotation of bricks in 3D space
- Included lighting and material rendering for realistic look
- Rigorously tested using a suite of unit, system, and acceptance tests to ensure function and quality were maintained through changes

Languages/Tools: C++, FreeGlut, OpenGL, Visual Studio Code, Git

Library Database

- Created a web application to keep track of books, authors, and copies
- Supports CRUD (Create, Read, Update, and Delete) operations interacting with a NoSQL database
- Deployed to production with live database and hosting

Languages/Tools: Javascript, Node.js, Express.js, Pug (jade), Railway, MongoDB

SKILLS & INTERESTS

- **Languages:** Python, C#, Java, C/C++, Javascript, html, css, SQL
- **Environments:** Visual Studio, Eclipse, Code::Blocks, Jupyter, Microsoft SQL Management Studio
- **Skills:** Software Testing, Software Development, Object-Oriented Programming, Collaboration, Written and Oral Communication