

SAMUEL SPIERS

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I am a highly technical and creative student with a passion for computers and an interest in mechanical design. I have a strong foundation in software testing, C#, Java, JavaScript, Python, GitHub, SSMS and Unity. I like enhancing my skills and learning new concepts to improve my abilities and broaden my horizons. I'm currently enrolled in the Computer Systems Technology - Software Development program at Mohawk College and will be available for a co-op placement for up to 8 months starting in May 2026, as well as 4 months starting May 2027.

TECHNICAL SKILLS

Languages: C#, JavaScript, Java, PHP, SQL, Python, HTML and CSS including Bootstrap 5

Tools: Visual Studio, Visual Studio Code, IntelliJ, SSMS, Katalon Recorder, GitHub, Unity, Microsoft Office, .NET Framework, Microsoft Access

Processes: Software and Website Testing, Windows Forms creation, OOP, Database design

SOFT SKILLS

- Good working with others, demonstrated in my time as a Tim Horton's supervisor.
- Effective organizational skills, demonstrated as a powersports technician
- Strong initiative, demonstrated as a grocery clerk at Food Basics
- Good time management, demonstrated in my roles as a powersports technician and as a Tim Horton's supervisor

EDUCATION

JAN 2025 – PRESENT (GRADUATING DEC 2027)

COMPUTER SYSTEMS TECHNOLOGY - SOFTWARE DEVELOPMENT ADVANCED DIPLOMA

MOHAWK COLLEGE – HAMILTON, ON

Deans Honours Student | GPA of 92.7 | Currently in 4th semester, I've learned the foundations of Python, C#, Java, JavaScript, PHP, HTML, CSS, and SQL, as well as various software dev tools including Visual Studio and SSMS. By the start of my co-op term I will have additionally covered topics such as Bash, AI systems, WordPress, React, and React Native.

OCT 2023 - DEC 2023

MOTORCYCLE/POWERSPORT VEHICLE SERVICE AND REPAIR LEVEL 2

CONESTOGA COLLEGE – GUELPH, ON

Completed the level 2 program with high grades and a much higher degree of confidence in the field.

SEPT 2022 - APR 2023

MOTORCYCLE/POWERSPORT VEHICLE SERVICE AND REPAIR LEVEL 1

CONESTOGA COLLEGE – GUELPH, ON

My passion for what I learned about showed itself in my achievements, maintaining straight A scores in all my classes. I take pride in being thorough in the tasks/assignments given to me and find great interest in learning the deeper details of the field.

EXPERIENCE

FEB 2024 – SEPT 2024

APPRENTICE MOTORCYCLE TECHNICIAN, APEX CYCLE SPORTS – CAMBRIDGE, ON

Further improved my skills in assembly, PDI, service, and significantly more in-depth repair jobs on a large variety of units from 8 different manufacturers. Time management, organizational skills, and a strong initiative were necessary to perform repairs properly and in a timely manner.

APR 2023 – OCT 2023

APPRENTICE MOTORCYCLE TECHNICIAN, KELLY'S CYCLE CENTRE – HAMILTON, ON

Time management was key as I learned the ropes of unit assembly, PDI, detailing, and basic service tasks on a variety of motorcycles, ATVs, side by sides, scooters, and e-bikes. I showed adaptability, completing other tasks when needed such as trailer repairs and occasional painting tasks.

NOV 2019 – AUG 2022

TEAM MEMBER, SUPERVISOR, TIM HORTONS – BRANTFORD, ON

As a supervisor I used effective time management, leadership skills, and teamwork to direct a small team of staff members. I used my strong customer service skills to effectively handle customer questions and complaints.

NOV 2015 – NOV 2019

GROCERY CLERK, FOOD BASICS – BRANTFORD, ON

Gained crucial customer service skills that allowed me to improve the shopping experience for the dozens of customers I interacted with every day. I used my strong initiative to start and complete tasks as needed without having to be directed.

PROJECTS – Available on my GitHub

MYLIBRARY - <https://github.com/Samuel-Spiers/MyLibrary>

MyLibrary is a book collection tracking app built in C# that uses a Microsoft Access database as the backend, with a windows forms app as the frontend. It uses a custom dynamic SQL query string builder to add and remove books from the database, search by book title, author, or book series, filter and sort book search results. This strongly demonstrates my abilities in C#, the .NET framework, and database interactions through SQL.

POLY DEFENCE - <https://github.com/Samuel-Spiers/Poly-Defence>

Poly Defence is a fun web-based tower defence game I built using HTML, CSS (including Bootstrap 5), and JavaScript. It features difficulty options, a random map generation algorithm that dynamically creates a new enemy path every time you play, and uses object-oriented programming techniques. It is a good demonstration of my skills with these languages and the Bootstrap library.

IMAGE PIXELATOR - <https://github.com/Samuel-Spiers/Image-Pixelator>

This is a simple image processing app that alters any .jpeg or .png image file by pixelating at by a factor determined by the user. I created this to practice my C# skills and learn image manipulation techniques.