

Tom Fouxman

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EDUCATION

Faculty of Engineering, Western University , London, ON, Canada	2017 - Present
<i>Candidate for Bachelor of Engineering Science, Software Engineering</i>	
<ul style="list-style-type: none">Currently enrolled in 3rd year	
OSSD/Aurora High School , Aurora, ON, Canada	2013 - 2017

ACADEMIC PROJECTS

Database Management System (Course Selector)	2019
<ul style="list-style-type: none">Worked in a team of three to create a database management system stored on GitHubDesigned a normalized relational databaseUsed MySQL to create the database and scripts to generate data to be usedUsed PHP to retrieve data from MySQL server and display it on webpage	
Full Stack Web Application Using Angular	2019
<ul style="list-style-type: none">Individual complex web project stored on GitHubInitially began with MEAN stack, then integrated with Google Firebase instead of MongoDBWeb application included registration with security, user interface, and database management	
Multi-User Multi-Transaction Server	2019
<ul style="list-style-type: none">Worked in a team of four to create a client-server system on UNIX through VM softwareUsed C++ to manage processes and threads on server-side and Python to create the user interfaceUsed Amazon AWS to host server where multiple clients can connect at one time and interact with each other	
Classic SHMUP Game with Unity	2018
<ul style="list-style-type: none">Worked in a team of three to create a SHMUP (Shoot 'em up) genre game stored on GitHubIncorporated design patterns as necessary under given constraintsCreated scripts using C#	
Assistive Device for People with Paraplegia	2017
<ul style="list-style-type: none">Worked in a team of five to design and build a wheelchair attachment that allows a person with paraplegia to play the damper pedal of the piano using their back to press on a plateUsed Onshape (CAD software) to create a design for the device and built a prototype of the mechanismDevice used basic hydraulic motion to transfer force from the user's back onto the pedal	

WORK EXPERIENCE

Hidden Bay Leadership Camp, Nobel, ON, Canada

2019

Kitchen Assistant

- Worked full days at overnight summer camp managing all kitchen operations and staff
- Collaborated closely with camp director and assisted with non-kitchen operations as required

Costco Wholesale, East Gwillimbury, ON, Canada

2018 - 2019

Night Merchandiser

- Resolved customer issues and assisted customers according to their needs
- Assisted other departments as needed to maintain warehouse operations

Western RezNet, London, ON, Canada

2018

Service Technician

- Helped customers set up wired and wireless connections within residence
- Provided technical expertise in troubleshooting network related problems
- Recorded accurate and detailed tickets for all interactions

SKILLS

- Well versed in Java, TypeScript, Python, PHP, C++, Unity, and C#
- Experience in MongoDB, MySQL, and Google Firebase
- Able to type at 100+ words per minute
- Proficient in Microsoft Office (Word, PowerPoint, Excel) and Google Suite (Docs, Sheets, Slides)
- Proficient in using GitHub (Git Bash) to store and update project repositories
- Front-end Development (HTML, CSS, JavaScript)
- Back-end Development (Express, Node.js, MongoDB, Firebase)
- Always determined to get tasks done with quality
- Always optimistic to learn new languages and processes

AWARDS

Western University

- Dean's Honour List (80%+ average)

2018

Aurora High School

- Honour Roll throughout all grade (80%+ average)

2014 - 2017

AFFILIATIONS

Western AI (Medical Imaging Project Team)

2019

- Member of medical imaging team focused on developing AI that will help identify the area of disease, primarily in breast cancer
- Completed bi-weekly workshops on machine learning

Languages: English and Russian

Interests: Physical fitness, travel, web development, soccer, music, tennis, video games