

PROFESSIONAL SUMMARY

Aspiring software engineer with solid computer science fundamentals and practical experience through various technical and non-technical roles. Proficient in Java, Python, and JavaScript, with a passion for developing scalable software solutions and a strong interest in the software development process.

EDUCATION

St. Catharines	Brock University	Sep 2020 - Present
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Bachelor of Science in Computer Science

Relevant Courses: Data Structures, Algorithms, OOP, Advanced Algorithms, NLP, Web Dev, Big Data

Certificates: Meta Front-End Dev, Meta JS Programming, Meta Version Control

EMPLOYMENT

Pro Shop Team Lead	Grand Niagara Golf Club	April 2024-December 2024
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- Conducted **hands-on training sessions for staff on new software**, enhancing operational efficiency for golf course tee time management
- Collaborated in the redesign of workflow procedures to overcome limitations in new tee sheet software, improving user experience and operational adaptability
- Maintained and updated **golf course members database** and made adjustments to player profiles as needed with different membership tiers

IT Support Technician - Co-op	Government of Canada	Sep 2022 - Dec 2022
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- Managed and maintained 100,000+** mobile devices across all federal government branches, ensuring smooth operation and maximum up-time
- Performed weekly infrastructure tests on overall server health status and delivered detailed reports containing issues when necessary
- Performed comprehensive **back-end server maintenance**, directly contributing to continuous and uninterrupted access to critical government services
- Prioritized and **resolved IT support tickets** from all government departments based on their severity, providing timely solutions and minimizing downtime
- Participated in **weekly meetings with large vendors** discussing internal issues and needs that must be resolved as well as future planning

PROJECTS

Gastimator	TypeScript	2025
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- Developed a web application to estimate fuel costs for trips using Google Maps APIs. Integrated Geocoding, Distance Matrix, and Places APIs to process user-provided start and destination addresses for accurate calculations.

Genetic Algorithm	Java	2023
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- Developed an advanced Java-based GA to crack Vigenère cipher encryption, optimizing decryption via dynamic crossover and mutation strategies, demonstrating robustness across multiple testing scenarios

TECHNICAL SKILLS

Languages: Java, Python, JS, HTML, CSS, SQL; **Frameworks/Libraries:** React, Bootstrap, Tailwind; **Tools:** Git, GitHub, PyCharm, VS Code, IntelliJ, CLI