

## 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

## TECHNICAL SKILLS

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

## EMPLOYMENT

Pro Shop Team Lead	Grand Niagara Golf Club	April 2024-Present
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- Conducted **hands-on training sessions for staff on new software**, enhancing operational efficiency for golf course tee time management
- Implemented streamlined opening and closing procedures that **reduced operational costs** by 15% at the golf course
- 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
- Developed comprehensive manuals** detailing opening and closing protocols, significantly boosting staff efficiency and protocol adherence

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
- Regularly updated and audited the **user account database** for 10,000+ employees, ensuring accurate role-based access control and system security compliance
- 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

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