

# Tyler O'Neil

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## WORK EXPERIENCE

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### Exchange Solutions Inc.

May, 2023 – September, 2023

Personalised loyalty solutions that enable retailers to build deeper and more profitable engagement with their consumers

#### Software Developer Intern

Toronto, ON

- Created Node.js scripts to build proof of concept applications for cutting-edge projects, including Retrieval Augmented AI Agents, Digital Coupon Automation, and the Snowflake Native Application Framework.
- Collaborated with cross-functional teams to explore innovative solutions, conduct experiments, and iterate on ideas to drive the development of new technologies and applications.
- Worked closely with senior developers and researchers to create prototypes, conduct feasibility studies, and validate concepts, ensuring alignment with project goals and objectives.

### PresenTEC Solutions

December, 2022 – April, 2023

Technology firm specialising in digital enablement, software innovation, product development, and data technology for businesses

#### Front-End Developer Intern

Vaughan, ON

- Oversaw the ongoing maintenance and enhancements of the company website using WordPress, ensuring it remained up-to-date and functional.
- Played a key role in selecting templates and shaping the user interface to align with the company's branding, enhancing the overall user experience.
- Utilised HTML and CSS to fine-tune website layouts and styles, optimising the site's performance and appearance.

## EDUCATION

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### George Brown College

Graduating April, 2025

#### Advanced Diploma, Computer Programming and Analysis

Toronto, ON

- Recognized for academic excellence and placed on the dean's list with a 3.85 / 4.0 GPA (Fall 2022; Winter 2023)
- Relevant Courses: COMP1230 - Advanced Web Programming, COMP1235 - Introduction to Full-Stack Development, COMP2138 - Advanced Database Development, COMP2129 - Advanced Object Oriented Programming, COMP3044 - Linux Essentials
- Active in the GBC IEEEExtreme Competitive Programming Team

### University of Toronto, Mississauga

September, 2019 - April, 2022

#### Honours Bachelor of Science, Computer Science and Pure Mathematics

Mississauga, ON

- Previously attended before transferring to George Brown College
- Relevant Courses: CSC108 - Introduction to Computer Programming, CSC148 - Introduction to Computer Science, MAT102 - Introduction to Mathematical Proofs
- Active in the UTM MCSS (Mathematical and Computational Sciences Society)
- Participated in the UofT Hart House chess club

## SKILLS & INTERESTS

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- **Skills:** HTML/CSS/JavaScript, Bootstrap, Python, Java, SQL, C#, .NET, BASH, Linux, Wordpress, Node.JS, AWS
- **Interests:** Web Development, Chess, Guitar, Basketball, Cryptocurrency

*References Available Upon Request*