

JUSTIN SMITH

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EDUCATION

University of Toronto Mississauga

Sept. 2020 – April 2025

Honours Bachelor of Science

- Major in **Computer Science** and Minor in Mathematics and Minor in Education Studies.
- Gained strong software development skills through rigorous coursework and collaborative hands-on projects.
- Utilized programming languages such as **Java** and **Javascript**, collaboration tools like Git/Github and various development methodologies such as **Agile** to develop desktop and mobile applications.
- Studied cyber security principles such as the NIST framework, gaining the ability to identify vulnerabilities, write secure software to meet data privacy and integrity standards.

WORK EXPERIENCE

Full Stack Developer Work-Study | Typescript, React, Node.js, MongoDB

Sept. 2024 – March 2025

University of Toronto Mississauga - Department of Management

- Designed, built and maintained Single Page Applications in TypeScript and Javascript with a React **front-end**, Node.js back-end and **MongoDB** database, using DigitalOcean for **cloud** deployment.
- Collaborated with team members using **Agile** methodologies to design and implement new features in support of CI/CD while maintaining adherence to industry standards, methodologies and processes.
- Wrote clean, organized and high integrity code to ensure quality and responsiveness and fixed bugs to improve site performance.

Software QA Automation Intern | Java, Spring, Selenium, MySQL

Sept. 2022 – Dec. 2022

Canadian Tire Financial Services

- Developed RESTful APIs in **Java** with **Spring** for **MySQL** database access to create internal tools to improve efficiency and reliability of the manual testing team.
- Created technical documentation and communicated effectively with non-technical team members to support the adoption and usage of new internal tools.
- Wrote browser automation scripts using Selenium for unit testing to verify functionality and support system and user acceptance testing.

PROJECTS

EasyChef | Python, Django, JavaScript, React, HTML, CSS

- Worked as part of a team to build a recipe sharing website for users to create and share recipes with an intuitive UI.
- Utilized RESTful APIs to handle calls between the front-end and back-end, ensuring a seamless user experience.

COOL Compiler | Java, ANTLR

- Designed and implemented a compiler for the COOL programming language using **Java**, including lexical analysis, parsing, semantic analysis, and code generation.
- Applied compiler design principles, including type checking and error handling.

OTHER EXPERIENCE

Groundskeeper

Sept. 2024 – Present

University of Toronto Mississauga - Grounds Department

- Leveraged critical thinking skills to identify problems around the campus and took initiative to find solutions.
- Responsible for conducting status reports on facility amenities and operations equipment.

Parks Operations II

June 2023 – August 2024

City of Mississauga

- Collaborated with cross-functional teams to ensure seamless execution of assigned park maintenance tasks.
- Proposed changes to park amenities in support of continuous improvement to exceed visitor expectations.

Peer Facilitated Study Group Leader Volunteer

Robert Gillespie Academic Skills Centre

- Planned and delivered sessions to provide guidance and supplemental learning for Computer Science Students.