Ethan N. McFarland

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EDUCATION

University of Toronto   **Toronto, Ontario**
B.Sc. in Computer Science   *Expected Graduation, May 2026*
- o **Concentrations:** Software Engineering and Artificial Intelligence
- o **GPA:** 3.84/4.00, *Dean's List*
- o **Related Coursework:** Foundations of CS I & II, Software Design, Theory of Computation, Computer Organization & Programming, Object-Oriented Programming & Statistical Reasoning

EXPERIENCE

Scotiabank Velocity - Tangerine   **Toronto, Ontario**
Quality Engineering Intern   *May 2023 – Aug 2023*
- Contributed to a regression team, ensuring software consistency post-updates for mobile and web applications, emphasizing quality and stability
- Developed TypeScript scripts to expand test coverage and enhance user interface functionality across both web and mobile applications

Achievements:
- Revitalized the Selenium WebDriver implementation to enhance the speed of mobile web testing execution by over 25%, particularly to offshore teams and remote employees
- Showcased enhanced Selenium WebDriver updates to senior management
- Developed Java scripts accelerating API test script migration from Postman to Eclipse, considerably reducing the workload on my team and streamlining the transition process

TileCo Inc   **Toronto, Ontario**
Web Design   *Oct 2021 – Sept 2022*
- Engaged in the development of the design, encompassing responsibilities, including the management of image updates and the introduction of new products
- Regularly executed essential updates to ensure the ongoing visual integrity of the web application and facilitated the seamless introduction of new products

PROJECTS

Real-Time Clinic Monitoring   **Toronto, Ontario**
Team Lead   *May 2023 – June 2023*
- Utilized the React.js framework in conjunction with Google Firebase and Maps API to engineer a web application, enabling real-time tracking of wait times for medical clinics
- Led a team of four developers, coordinating tasks through Jira Kanban Board and maintaining a Confluence page for streamlined code documentation and resource management

AWARDS

George F. Dufton Academic Scholarship Winner   **Toronto, Ontario**
Post-secondary scholarship for a high standard of excellence academically and in hockey   *Feb 2020*

Honours Math Science and Technology Program Graduate   **Toronto,Ontario**
Graduated from AP Technology program with academic excellence   *June 2021*

SKILLS

Programming: Java, Python, ReactNative, JavaScript, React.js, R, Mips Assembly
Database/Tools: IntelliJ, PyCharm, Git, Github, Selenium, Xcode, Postman, Google Firebase, SQL, Eclipse
Development: Agile, Jira, Confluence, Clean Architecture