

# Shane Currie

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## EDUCATION

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**Ontario Tech University, Oshawa, ON**

Expected Graduation 2026

- *Bachelor of Software Engineering (Honours)*

## TECHNICAL SKILLS

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- *Programming Languages:* Python, Java, C, C++, PHP, SQL, HTML, CSS
- *Frameworks & APIs:* Sleeper API, Mapbox API, Weather API
- *Tools & Databases:* Git, MySQL, phpMyAdmin, Cron Jobs, Tableau
- *Skills:* Agile Development, MVC Architecture, Responsive Web Design

## WORK EXPERIENCE

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**Canadian Armed Forces, Military Police, Halifax, NS**

March 2017 – March 2022

- Leveraged problem-solving and analytical skills to investigate and resolve security breaches, incidents, criminal investigations, and operational challenges, contributing to continuous security protocol improvements.
- Held a leadership position as a senior military policeman in which I assisted in training and mentoring junior military police through practical experiences and structured developmental sessions.

## PROJECTS

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**Fantasy Football Tracker, Independent Project**

Ongoing

- Developed a dynamic web application integrating Sleeper REST API for real-time updates and implemented cron jobs for automatic data synchronization every 30 minutes.
- Designed and implemented a responsive frontend interface using HTML/CSS to enhance user experience with intuitive transaction logs and weekly score summaries.
- Managed data persistence and retrieval using MySQL, ensuring scalability and performance.

**Trip Planner, Independent Project**

Jan 2025

- Built an intuitive route-planning web application leveraging Mapbox API for interactive mapping based on user-defined routes.
- Integrated Weather API to deliver real-time and predictive weather data, enhancing usability and accuracy of trip recommendations.

**OnMyWay – Sustainable Commuting Platform, Class Project, Data Management Systems**

Nov 2024

- Led RESTful API integration to incorporate and fetch weather data, significantly improving the reliability and accuracy of commuting forecasts.
- Collaborated within a cross-functional Agile team, actively contributing to backend design and feature development.
- Recognized with the “Best Project Design Award” in Data Management Systems course for excellence in implementation and innovation.

**Little Italy – Dynamic Restaurant Website, Class Project, Web Programming**

Nov 2023

- Developed a full-stack restaurant website using PHP and MySQL to manage reservations, menu orders, and customer messages.
- Implemented input validation and secure form handling to improve data integrity and user security.
- Optimized SQL queries and UI responsiveness to enhance overall performance and user experience.