

Steven Tohme

Toronto, ON, Canada

☎ (+1) 416-662-2115 | ✉ steventohme59@gmail.com | 🏠 www.steventohme.ca | 📷 steventohme | 🌐 steven-tohme

Skills

Languages	Python, C/C++, JavaScript/TypeScript, Java, HTML/CSS
Libraries/Frameworks	React, Electron, Django, scikit-learn, Pandas, NumPy, Three.js
Tools	Git/Github, Firebase, MongoDB, Jira, Confluence, Jenkins, npm, Yarn, \LaTeX , Docker, Figma

Work Experience

Ford Motor Company

Ottawa, ON, Ontario

SOFTWARE PROJECT MANAGEMENT INTERN

Jan. 2023 - May 2023

- Designed and implemented a tool using **Python**, **JavaScript (Electron)**, and **Bootstrap** for creating and managing Software Announcement Documents (SWAD), which are used to track part numbers across the organization
- Sped up SWAD creation by **24x** and eliminated manual input errors
- Streamlined the management of vehicle information by developing an automated system that seamlessly integrated data from various databases into **Confluence** pages

Ford Motor Company

Oakville, ON, Canada

GOVERNMENT RELATIONS ANALYST

Apr. 2022 - Sep. 2022

- Developed a forecasting model to accurately forecast electric vehicle segmentation, using **Bass modeling** and **linear regressions**
- Presented insightful findings and actionable recommendations to the CEO and executive team regarding Canada's EV targets, demonstrating exceptional **communication** and **leadership** skills
- Conducted rigorous internal controls testing (**GRC**) to ensure compliance with policy and regulations

Education

Bachelor of Computer Science & Bachelor of Business Administration

Waterloo, ON, Canada

WILFRID LAURIER UNIVERSITY

Sep. 2020 - Present

- President's Gold Scholarship - [\$5,000 annually]
- Relevant Course Work:** Data Structures, Algorithm Design, Object-Oriented Programming, Databases, Operating Systems, Artificial Intelligence

Extracurricular Experience

Laurier Computing Society

Waterloo, ON, Canada

TECHNICAL CONTENT PRODUCER & HACKATHON PROJECT COORDINATOR

Jan. 2022 - Present

- Coordinated **400+** students in a month long hackathon-style program with University of Waterloo's Computer and Data Science clubs
- Created and presented bi-weekly computer science review sessions for an average of **50** first year students
- Created and managed **React**, **Django** & **Git** workshops for **300+** students

IAI CoLab

Waterloo, ON, Canada

MACHINE LEARNING, DATA ANALYSIS, RESEARCH

Mar. 2022 - Present

- Developed a **VS Code extension** to collect user data and interactions with lessons for different skill levels
- Collaborating with a team of researchers at the **University of Toronto** to analyze and use the collected data to train an **ML model**
- Designing a tool that curates computer science lessons based on user input of subject, skill level, and other metrics

Projects

Lossless Text and Image Compression Algorithm

Waterloo, ON, Canada

ALGORITHM DESIGN, COMPRESSION, IMAGE/TEXT PROCESSING

Jan. 2023 - Mar. 2023

- Utilized the theory of **Huffman Coding** to reduce file size by an average of **80%**
- Individual pixels/characters are compressed to smaller 'codes' based on frequency using **bit-wise arithmetic**

Healing Hands Medical Landing Page

Vaughan, ON, Canada

REACT, TYPESCRIPT, WEB DEVELOPMENT, FRONT-END DEVELOPMENT

Feb. 2023 - Mar. 2023

- Designed and implemented landing page for local medical center, decreasing patient booking time by **200%**
- Designed using **Figma** and implemented using **TypeScript** and **React**, deployed using **Firebase**

Champions League Predictor

Toronto, ON, Canada

MACHINE LEARNING, DATA ANALYSIS, DATABASES

Apr. 2022 - Present

- Developed a web scraper using **Python**, **BeautifulSoup**, and **Requests** to extract data from FBref.com, stored in **MongoDB Cloud**
- Analyzed and cleaned scraped data using **Pandas** and **Matplotlib** to ensure its relevance
- Utilizing **scikit-learn** to create predictive models that accurately predicts winners in the test data