

EDUCATION

Ontario Tech University September 2021 – April 2025 (Expected)
BSc Computer Science, Minors in Math & Sustainability Studies Oshawa, ON

FAMILIAR LANGUAGES

JavaScript: JSONForms, Angular.js, Node.js, pg, Express, Fetch, MongoDB
Web: HTML, CSS, REST APIs
Python: Matplotlib, Pandas, Flask, NumPy, OpenCV, Seaborn, Pygame
C++: OpenGL, Raylib, FreeImage
Databases: SQL (PostgreSQL, SQLite), NoSQL (MongoDB, JSON)
Operating Systems: Windows (7, 10, 11, WSL), Linux (Ubuntu, AlmaLinux, RHEL)

SKILLS

Programs: Office365, Google Workspace, LibreOffice, IntelliJ IDEA, Eclipse, Visual Studio, Bash
Interpersonal: Communication, Punctuality, Teamwork, Motivation

EXPERIENCE

Inner-City Loop 2016 – Current
Owner

- Familiarized with product inventory monitors and checkout protocols for high-demand websites such as Nike, Toys'R'Us, Footlocker, and Best Buy.
- Gained insights into consumer demand, business supply, inventory management, and consignment industry strategies.
- Implemented fast performance JavaScript for data fetching and API payment processing using Node.js during high-volume periods.

NetOutput Inc. May-August 2022, July-August 2023
Junior Developer Scarborough, ON

- Designed dynamic JSON files for front-end user inputs, enabling valid data submissions to a MongoDB database.
- Enhanced functionality by allowing users to attach metadata, images, and links to JSON objects and sub-objects.

Oshawa Computers September 2019 – December 2022
Co-Founder

- Created a full-stack storefront showcasing products and managing customer inquiries.
- Built and initialized desktop computers for home offices from system level components.

AWARDS

Ontario Tech University HackHive 2024
Third Place

- Developed a biodiversity monitoring solution using Microsoft Azure's Vision, Data, and Machine Learning APIs in Python.
- Trained an image recognition AI on 10 mushroom species, achieving 99% identification accuracy under various lighting conditions.

Deans List Fall 2023 – Winter 2024

- Award presented to students with a semester GPA of 3.5+.

PROJECTS

Simulation of Ecosystems Food Chains: github.com/JamesMeta/Simulation-of-Ecosystem-Food-Chains
Biodiversity Monitor: github.com/ClaytonWas/AI-Powered-Biodiversity-Monitoring-System
MMO Virtual World: In production, contact for showcase.

VOLUNTEERING

Let's Talk Science

2023-Current

Events Booth Manager

- Demonstrated effective presentation skills, keeping listeners engaged with the verbal, visual, and hands-on content.
- Cultivated strong public speaking and communication skills with a focus on active listening and answering questions.

Ontario Tech Computer Science Club

2024-Current

Executive Events Coordinator

- Displayed projects created inside the computer science club during club fairs and speaking to students about career growth opportunities.
- Communicated with other clubs to provide larger events for faculty and students.
- Improved events by organizing tables and providing technical support
- Understood what events would engage students through understandings of their unique goals and motivations, then helped creating those events.