Shane O'Connell

Computer Engineering Student

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GitHub: github.com/ShaneOCCS

Personal Summary

21-year-old computer engineering student with a strong drive to learn and passion for problem-solving and innovation. Additionally, I love working on my own projects as well as collaborating in a team environment to solve tasks efficiently and effectively.

Key Skills

- Front-End & Back-End Development
- Problem-Solving & Debugging
- Team Collaboration
- Hard-Working & Motivated

Technical Skills

- Languages: Java, Python, C
- IDEs: VS Code, IntelliJ, PyCharm, CLion, Eclipse
- Web Development: HTML5, CSS3, JavaScript
- MySQL, MariaDB, PostgreSQL
- Linux Ubuntu Shell Scripting
- Windows 10/11
- Microsoft Suite: Excel, Word, PowerPoint, Teams
- Version Control: GitHub

Technical Skills in Progress

- Data Structures & Algorithms
- React.js & Node.js
- Bootstrap & Tailwind CSS
- Assembly Language

Languages

- English — Native
- French — Intermediate

❖Work Experience

Bartender/Server, Mill Street Brewery

Ottawa, ON • 2022–Present

- Managed inventory and maintained weekly stock reports.
- Prepared cocktails and served draft beverages.
- Oversaw section operations and assisted staff during peak times.

Linecook/Prepcook, Bistro Mexicana 129

Aylmer, QC • 2019–2023

- Managed inventory and maintained weekly stock reports.
- Cooked and prepared meals during high-intensity service.
- Prepped ingredients and food for service.

❖Personal Projects

Personal Website (HTML5, CSS, JavaScript)

GitHub link to repository

- Built a responsive portfolio website to display information about myself.
- Implemented interactive UI elements and error handling.
- Deployed on Vercel with custom animations.

Simple Web Server (C Language)

GitHub link to repository

- Developed a C server using WINSOCK & CJson libraries to handle HTTP requests.
- Originally used as the back-end for my website.

Binary-Linear-Search-Testing (Java)

GitHub link to repository

- Implemented iterative and recursive search methods on a sorted array of characters.
- Compared performance of different search techniques.

❖Education

Advanced Diploma, Computer Engineering Technology – Computing Science

Algonquin College, Ottawa, ON • 2024–Present • GPA: 3.5

DEC, Social Sciences

Cegep Heritage College, Gatineau, QC • 2021–2023

BA Psychology

University of Ottawa, ON • 2023–2024