

# Shane O’Connell

## Computer Engineering Student

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GitHub: [github.com/ShaneOCCS](https://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 and working in a team environment to solve tasks efficiently and effectively as a team.

## 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 Systems: 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 & Food for service.

## ❖Personal Projects

### Personal Website (HTML5, CSS, JavaScript)

[GitHub link to repository](#)

- Simple work in progress portfolio website to display info and facts about me.
- Built a responsive web app with interactive UI and error handling.
- Deployed on Vercel with simple custom animations.

### Simple Web Server (C Language)

[GitHub link to repository](#)

- Developed a C server using WINSOCK, cJSON & time libraries to handle HTTP requests.
- Used originally as the back-end functionality for my website.

### Binary-Linear-Search-Testing (Java)

[GitHub link to repository](#)

- Small project for school that uses multiple search methods on a sorted array of characters.
- Compares recursive searches against iterative searches to see which search method is faster.

## ❖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