

Matthew McCulley

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[LinkedIn](#) | [Website](#) | [GitHub](#)

About

Second year computer science student proficient in Python eager to learn while fulfilling a Software Testing role.

Education

Bachelor of Science, Computer Science, GPA: 11.38/12.00

Wilfrid Laurier University

Expected Graduation:

Aug 2025

- Favourite Courses: Object-Oriented Programming, Microsoft Application Programming (VBA), Data Structures I

Skills

Python, VBA, SQL, Java, Eclipse, C, Version Control, HTML, CSS, JavaScript

Experience

Instructional Assistant

Sept 2022 – Present

Wilfrid Laurier University

Waterloo, On

- Instructional assistant for Windows Application Programming and Object-Oriented Programming.
- Guided 30+ students at a time in laboratories by clarifying topics or instructions and troubleshooting errors in Java, Eclipse, VBA and Excel.
- Assisted professors in marking of laboratory assignment.

Projects

Data Structures – [GitHub](#)

- Implemented various data structures in Python in Data Structures I course.

Portfolio – [GitHub](#)

- Designed, developed, and deployed portfolio website to display other projects and be a point of contact.
- Built with vanilla HTML, CSS, and JavaScript.

Restaurant Ordering GUI – [GitHub](#)

- GUI to place order of restaurant's menu and print said order.
- Used Java and Java Swing to implement Object-Oriented Principles to result in GUI.

Grade Reporting Application – [GitHub](#)

- Application to generate report of student's grades, statistics, and data visualization tools such as histograms.
- Used VBA to create Interface and connect SQL database to find desired data.