

Education

UX Academy, Expected June 2025. Designlab.

Bachelor of Science in Computer Science, January 2025. Department GPA 3.88. Miami University, Oxford, Ohio.

Principle Courses Include:

Fundamentals of Programming and Problem Solving

- Learned program debugging and testing, fundamental data types and user-defined data types
- Solved programming problems using a procedural approach in Java

Introduction to Software Engineering

- Collaborated with peers to develop, plan, document and present an app store-like program, utilized the software development life cycle, learned project management and team collaboration, experienced working with a client to fulfill software requirements

Web Applications Programming

- Acquired skills in the basics of designing and implementing web applications, collaborated with peers to design and construct a website using HTML, CSS (Bootstrap), JavaScript, Ajax, jQuery, PHP

Software Engineering for User Interface and User Experience Design

- Learned the design and psychological principles of user experience and user interface, collaborated with peers to design and present a prototype redesign of a website

Object Oriented Programming

Database Systems

Computers and the Homeless: Education Abroad, Manchester UK

Additional Courses Include: Technical Writing, Public Speaking, Systems 1 & 2, Algorithms 1, Data Abstractions and Structures, Foundations of Graphics, Applied Cryptography (Security)

Experience

Software Quality Co-Op, Fortune Brands (Moen). Cleveland, OH.

May 2023 – August 2023

Worked with a variety of Moen Smart Home devices utilizing a mobile application for control. Wrote test cases, ran test cases, and reported bugs. Engaged with engineers and UX team to help describe issues and work to resolution, verified correction of bugs. Improved product experience for consumers.

Burgerista, Burger Fresh. Brecksville, OH.

November 2021 – March 2023

Wide range of duties including customer service, preparing food, store opening, and store closing.

Sandwich Artist, Subway. Brecksville, OH.

February 2021 – October 2021

Wide range of duties including customer service, preparing food, store opening, and store closing.

Activities

Red Hawk Radio DJ & Asian American Association 2022-2024, Guitar Club 2023, Archery Club

2023-2024, Xuan Ge Hanfu Club & Claws with a Cause 2024

National Honor Society, 2020-2022, Treasurer of National Art Honor Society, 2021-2022

Awards

Miami University Honors Program

Redhawk Excellence, Wicinaakosioni Program, & Choose Ohio Machine Learning Scholarships

Top Ten in Brecksville High School Graduating Class, with 14 AP Classes

AP Capstone Diploma & AP Scholar with Distinction Award, Spring 2022

AP Scholar Award, Spring 2020

Northeast Ohio Scholastic Gold Key Award in Photography