

Faye Leigh

(614) 620-9787 | faye@fayeleigh.com | Columbus, OH

EDUCATION

The Ohio State University | Columbus, OH

B.S.E. Computer Science and Engineering

Studio Art & Animation Minors

Expected Graduation: May 2026

Overall GPA (4.00 scale): 3.31 | Engineering GPA: 3.51

COURSEWORK

Systems I (C, Assembly)

- Created a game in C based on the game Breakout, complete with scoring, block removal upon collision, and multiplayer keyboard control
- Implemented a 4 line terse insert for singly linked lists for Breakout game project

Software I/II (Java)

- Numerous object oriented programming projects including XML to HTML parsing programs, singly and doubly linked list function implementations, sorting machines, graphical multi-function calculator

Robot Design and Build Project

- Collaborated as a team to design and build a self-propelled robot capable of navigating an obstacle course
- Designed model using AutoCAD and assembled model using preliminary design; modified chassis structure after testing procedures to improve maneuverability

Game Design Project

- Collaborated with a partner to develop a game for the Proteus using C++ and its API's

Other Courses

- Computer Science: Java, Software Development
- Mathematics: Calculus series; Linear Algebra; Fundamentals of Higher Mathematics; Engineering Statistics

EXPERIENCE

Student Administrative Assistant | *The Ohio State University*

(2023 – Current)

- Student assistant for OSU CSE advising department and dance department (federal work study job)

College Intern | *Ohio Department of Public Safety*

(2024)

- Intern under LEADS IT Programming and Security teams
- Participated in development and testing of user interface tools
- Compiled and evaluated NLET response data
- Created Excel spreadsheet scripts and formatting for presentation of data analysis

Senior Crew Member | *Hot Chicken Takeover*

(2020 – 2022)

- Customer and food service experience, leadership experience directing shifts and crew members

QUALIFICATIONS

Computer & Technical

- Coursework and projects completed in Java and C
- Introductory experience with Python, Assembly, Shell scripts, C++, VBA, HTML, CSS, VHDL
- Experienced with FOX Messenger, Autodesk, AutoCAD, MATLAB, Intel Quartus Prime
- Extensive use of Microsoft Word, Excel, including VBA scripts
- Fluent verbal Chinese

Certifications

- LEADS TAC certified, licensed EMT

Honors and Activities

- Personal interest in 3D modeling/printing, photography, plants, archery, violin, gaming