Lauren Dudgeon

laurendudgeon1@icloud.com | 362 Chittenden Apt. C, Columbus, OH 43201 | 937-638-5047

OBJECTIVE
Obtain a position in software engineering utilizing my strong foundation of computer engineering gained from my coursework and projects.

EDUCATION
The Ohio State University, Columbus, Ohio   Overall GPA (4.00 scale): 3.01
B.S. Electrical and Computer Engineering, May 2024
Honors: Dean's List (>3.5 GPA) 5 semesters

QUALIFICATIONS
- Knowledge of data structures, debugging, algorithms, testing, and engineering design
- Coursework: Software I & II, Operating Systems, Intro to Cybersecurity, Networking, Databases, Programming Java, Intro to C++, Computer Architecture
- Software: Git, Github, VSCode
- Languages: Java, JavaScript, C++, HTML/CSS, Python

ACADEMIC ENGINEERING PROJECTS
SmartCart, August 2023 – April 2024
- Leading team to create an autonomous cart that moves heavy objects to different locations
- Appling knowledge of Python, coding standards, and testing
- Reached goal of delegating tasks, learning ROS, and creating a prototype

Glossary Generator Project, July 2022
- Designed code that creates a glossary with definitions from a given input text file
- Applied knowledge of html, loops, maps, and queues to produce a group of html files
- Achieved goal of familiarizing myself with queues and html formatting

XML Tree Expression Evaluator, June 2022
- Developed code that evaluates a mathematical expression from a given XML Tree
- Applied knowledge of XML Trees and recursion to access each node and retrieve values
- Reached goal of learning recursion techniques

WORK EXPERIENCE

Ohio State University, Columbus, Ohio
Student Assistant, August 2023 – December 2023; part-time
- Prioritized and managed tasks based on their importance and time frame
- Communicated with the team and team leads to ensure a smooth workflow

UPS, Columbus, Ohio
Package Handler, September 2021 – October 2022; part-time
- Worked 22 hours per week while taking a full course load
- Collaborated with the team to ensure all packages were in the correct locations