Zach Boyce

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OBJECTIVE

Seeking a computer science and engineering co-op or internship utilizing programming skills gained from projects and classroom knowledge, available starting May 2021.

EDUCATION

The Ohio State University, Columbus, OH   Expected Graduation: May, 2023
B.S. Computer Science and Engineering, Design Thinking Minor   Overall GPA (4.00 scale): 3.74

QUALIFICATIONS & SKILLS

Computer and Technical:
- Java
- C++
- C
- Version Control using Git and SVN

Coursework Includes:
- Computer Science: Software Development; Object Oriented Programming; Data Structures & Algorithms
- Mathematics: Calculus series; Statistics

RELATED PROJECTS/COURSEWORK

Software II
- Worked with team members to create a HTML tag cloud from a given input text using Java
- Implemented multiple abstract data types in Java such as: Maps, Queues, Linked Lists, Sets and Sequences

Game Design Project, Fundamentals of Engineering I
- Created a choose your own adventure video game with multiple endings in MATLAB as part of our final project

Wildfire Detection System, Fundamentals of Engineering II
- Designed and prototyped a wildfire detection system using 3D printed parts and an Arduino Nano with multiple sensors, including temperature readings and smoke detection.

Hack OHI/O 2020
- Created a interactive risk assessment tool for prospective homebuyers or business owners during a two day hackathon using JavaScript and HTML/CSS with no prior experience in web development/design

Personal Resume Website
- Created a personal resume website detailing my skills and projects using the GitHub Pages system

VOLUNTEER/WORK EXPERIENCE

Chairperson, The Coach Pat Boyce 35 Strong Scholarship Fund, Columbus, OH (May 2019 –Present)
- Prepare charity golf event for a student scholarship fund in order to raise money
- Grade/Rate applicants for the scholarship and decide on the recipient

Shine Team & Valet, The Lakes Golf & Country Club, Columbus, OH (Aug. 2017 – Sep. 2019)
- Maintained facilities and provided exemplary customer service
- Organized golf events/outings and tracked and maintained beverage inventories to ensure successful events