

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 2022.

EDUCATION

The Ohio State University, Columbus, OH

Aug 2019 - May 2023

B.S. Computer Science and Engineering, Design Thinking Minor

GPA: 3.66/4.0

INTERNSHIP EXPERIENCE/ RELATED PROJECTS

Software Development Intern - Prevedere (May - August, 2021)

- Worked for Prevedere as a Software Development Intern, doing full stack development using mostly C#, Typescript, SQL and the .NET framework as well as Azure DevOps using Agile software development.
- Resolved 50+ bugs in production, a reduction of almost 50% of all bugs being tracked
- Implemented new frontend features including an overhaul in Client Data integration visuals and brand new selection features to global search
- Migrated multiple API services to a more secure system
- Modified and updated databases with over 3 million individual indicators.

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

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

QUALIFICATIONS & SKILLS

Computer and Technical:

- Java
- C/C++
- C# and .NET
- Git/GitHub

VOLUNTEER/ OTHER 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