

## **Zach Boyce**

[boyce.141@osu.edu](mailto:boyce.141@osu.edu) | 614-900-2671

Columbus, OH 43210

[zachboyce1.github.io](https://zachboyce1.github.io)

### **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

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

Expected Graduation: May, 2023

Overall GPA (4.00 scale): 3.66

### **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, implemented new frontend features including an overhaul in Client Data integration visuals and brand new 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

#### **Coursework Includes:**

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

### **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