

Joshua Hadden

Computer Science Major, Mathematics Minor
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Address

3890 Dugan Farms
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EDUCATION

Baldwin Wallace University, Berea, OH

August 2018 - Present

Maintaining a cumulative GPA of 3.576 and working towards graduating with a bachelor's degree in the spring of 2021. Completion of Java Programming, Data Structures, Algorithms, Computer Architecture, Operating Systems, Database Theory and Administration, Software Engineering, and Intelligent Systems.

Lakeland Community College, Kirtland, OH

August 2016 - May 2018

Accumulated 34 credits of dual enrollment classes with high school. Dean's List.

Perry High School, Perry, OH

August 2014 - May 2018

Honors: Summa Cum Laude, student of distinction, honors diploma, National Honors Society

EXPERIENCE - joshkh.neocities.org

Medical Mutual — *Software Engineer Intern*

May 2021 - August 2021

- Created automated processes for efficient user interaction with databases.
- Utilized Selenium and C# to interact with web browsers.
- Utilized TFS Azure DevOps for code deployment process.
- Worked with JavaScript, HTML, and CSS languages.

AppAware, Baldwin Wallace — *Back End Developer*

January 2020 - May 2021

- Research project analyzing user privacy within iOS applications
- Developed a portal for automated data submission using Bootstrap
- Used PHP regex to automate collection of app details from a URL
- Utilized PHP system calls to automate domain security analysis with OpenSSL
- Worked with a team to compile our large dataset into meaningful conclusions
- Submitted an accepted paper with our findings to the ACM WebSci'21 conference

Instability — *Game Developer*

March 2020 - June 2020

- Created and published a cross platform multiplayer game to Steam and Android.
- Worked with RESTful API and Firebase to allow real-time communication between players by posting and retrieving JSON data.
- Programmed the Unity game logic using C# in collaboration with a team.
- Came up with a unique solution for handling matchmaking and online play
- Recruited and managed a team, delegating tasks to each member

PROJECTS

iPhone App: *Run Like Mad* -

Published to Apple App Store

Where's Waldo: Utilized

TensorFlow 2 to create and refine a custom object detection model to locate Waldo within an image.

World Qualifier: *VEX Robotics* -

Team Programmer using C

Web Designer:

WHIPMM INC. & Perry Giving Library

Python: Encryption algorithm

running on a Raspberry Pi

Java: Code analysis application

Research: Performance of JavaScript Frameworks using Node.js and npm

Research: Comparing Efficiency and Methods of Tree Algorithms

Computer Repair: Fixed and Built recycled computers for Perritech.

AWARDS

JavaScript Champion:

Member of the Rockwell Automation JavaScript Programming Competition winning team.

Academic Excellence Letter:

Maintained a 4.0 or greater GPA during my high school career.

CIO Tomorrow:

2020 IT Leaders Award Recipient

Collegiate Men's Soccer:

Academic all Ohio Athletic Conference NCAA Division III

Student Government:

Baldwin Wallace Student Senator, member of the finance committee.