

Michael Abbott

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Education

The Ohio State University

Bachelor of Science: Computer Science and Engineering

- Honors Program

Expected 2017

GPA: 3.336

Work Experience

Franklin County Emergency Management and Homeland Security

Assistant to the IT Manager

Summer 2014

Java|PHP|MySQL

- Developed software to monitor water levels throughout central Ohio
- Developed an application to direct staff through the flood management procedure
- Set up a server to run automated data logging
- Worked with a team of interns in an agile environment

Zoombezi Bay

Lifeguard

Summer 2012-2014

- Responsibilities included enforcement of rules, safety of guests, and maintenance of park appearance
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Additional Experience

Programming Language Experience

- Proficient: Java, C++, C
- Moderate: PHP, HTML/CSS, Javascript, BASH
- Familiar: MySQL, MATLAB

Fundamentals of Engineering Honors Robotics Competition

Lead Programmer

Spring 2014

C|C++

- Developed software which allowed a robot to run the operations of a factory

Hack OHI/O

October 2014

Java

- Participated in a 36 hour hackathon
- Placed in the top 10 out of 60 teams
- Won the Best Demo award
- Programmed an Android app named "TraffiClock" which was a smart alarm clock that would adjust an alarm to an earlier time based on traffic and weather patterns

Cardinal Health Hackathon

April 2014

JS|PHP|MySQL

- Participated in a 24 hour hackathon
 - Programmed a website which allowed patients with similar medical conditions to talk to each other about their conditions
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Activities

Professional Development Program

Vice President of Marketing and Web Development

- Designed flyers to distribute at student organization fairs
- Performed website maintenance
- Managed general club affairs