

# Michael Abbott

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## Education

### The Ohio State University

*Bachelor of Science: Computer Science and Engineering*

- Honors Engineering Program

Expected 2017

GPA: 3.336

- Dean's List Member

### Dublin Coffman High School

- Valedictorian
- National Merit Commended Scholar

Graduated 2013

GPA: 4.3

- AP Scholar with Distinction
- Marching Band Squad Leader

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## Work Experience

### Siemens PLM Software

*Software Development Co-op*

- Designed and developed widgets for a website utilizing GWT
- Diagnosed and resolved multithreaded networking bugs
- Maintained and improved a utility involved in importing data from excel files to a database
- Developed a java application to integrate with issue tracking software and scrum management software

January 2015-August 2015

**Java | VB.NET**

### Franklin County Emergency Management and Homeland Security

*Assistant to the IT Manager*

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

May 2014-August 2014

**Java | PHP | MySQL**

### Zoombezi Bay

*Lifeguard*

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

Summer 2012-2014

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## Additional Experience

### Programming Language Experience

- Frameworks, APIs, Libraries, Software: GWT, GIN, Swing, LibGDX, Apache Commons, .NET, Ubuntu, RedHat, Excel
- Proficient: Java, C++, C, VB.NET
- Moderate: PHP, HTML/CSS, Javascript, BASH
- Familiar: MySQL, MATLAB

### CloudScape

- A turn-based, multiplatform MMO written with LibGDX
- Published to the Google Play Store

April 2014 - August 2015

**Java**

### Fundamentals of Engineering Honors Robotics Competition

*Lead Programmer*

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

Spring 2014

**C | C++**

### Hack OHI/O

- 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 "TrafficClock" which was a smart alarm clock that would adjust an alarm to an earlier time based on traffic and weather patterns

October 2014

**Java**

### Cardinal Health Hackathon

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

April 2014

**JS | PHP | MySQL**

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## Activities

### Professional Development Program

*Vice President of Marketing and Web Development*

- Designed flyers to distribute at student organization fairs
- Improved and maintained club website
- Managed general club affairs

Fall 2014-Spring 2015