

Michael Abbott

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Education

The Ohio State University <i>Bachelor of Science: Computer Science and Engineering</i> <ul style="list-style-type: none">Honors Engineering Program	Expected 2017 GPA: 3.426
Dublin Coffman High School <ul style="list-style-type: none">ValedictorianNational Merit Commended Scholar	Graduated 2013 <ul style="list-style-type: none">Dean's List MemberAP Scholar with DistinctionMarching Band Squad Leader

Work Experience

The Ohio State University <i>Teaching Assistant</i> <ul style="list-style-type: none">Responsibilities include answering questions, grading, and assisting with lab	August 2015-Current Java
Siemens PLM Software <i>Software Development Co-op</i> <ul style="list-style-type: none">Optimized a utility, reducing the run time by over 99% from 40 minutes to less than 5 secondsDeveloped an application to automate and streamline a task that took up to 40% of Product Manager's time by integrating issue tracking software with scrum management softwareDesigned and developed widgets for a website utilizing Google Web ToolkitMaintained and improved several utilities involved in importing data from excel files to a database	January 2015-August 2015 Java XML .NET
Franklin County Emergency Management and Homeland Security <i>Assistant to the IT Manager</i> <ul style="list-style-type: none">Automated the work of hundreds of volunteersDeveloped an application to direct staff through the flood management procedureDeveloped software to monitor water levels throughout central Ohio for automated tracking of floodsSet up a server to run automated data logging	May 2014-August 2014 Java PHP MySQL
Zoombezi Bay <i>Lifeguard</i> <ul style="list-style-type: none">Responsibilities included enforcement of rules, safety of guests, and maintenance of park appearance	Summer 2012-2014

Additional Experience

CloudScape Videogame <ul style="list-style-type: none">A turn-based cross-platform strategy game written with LibGDXDeveloped completely individually and independently of any courseworkPublished to the Google Play StoreDownload Page: http://cloudscape.site/	April 2014-Current Java PHP MySQL
Fundamentals of Engineering Honors Robotics Competition <ul style="list-style-type: none">Developed software which allowed a robot to run the operations of a factory	Spring 2014 C C++
OHI/O Hackathon <ul style="list-style-type: none">Placed in the top 10 out of 60 teamsWon the Best Demo awardProgrammed an Android app named "TrafficClock," a smart alarm clock that would adjust its alarm based on traffic and weather patterns	October 2014 Java
Cardinal Health Hackathon <ul style="list-style-type: none">Programmed a website which allowed patients to discuss their medical conditions	April 2014 JS PHP MySQL
Programming Language Experience <ul style="list-style-type: none">Proficient Languages: Java, C++, C, .NETFamiliar Languages: JavaScript, PHP, HTML/CSS, MySQL, BASH, MATLABFrameworks, APIs, Libraries, Software: GWT, GIN, Swing, LibGDX, Apache Commons, .NET, Ubuntu, RedHat, Excel	

Activities

Professional Development Program <i>Vice President of Marketing and Web Development</i> <ul style="list-style-type: none">Designed flyers, improved and maintained club website, and managed general club affairs	Fall 2014-Spring 2015
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