**Michael Abbott**

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| **Education** | |
| **The Ohio State University**  *Bachelor of Science: Computer Science and Engineering*   * Honors Engineering Program   **Dublin Coffman High School**   * Valedictorian * National Merit Commended Scholar | Expected 2017  GPA: 3.426   * Dean’s List Member   Graduated 2013   * AP Scholar with Distinction * Marching Band Squad Leader |
| **Work Experience** | |
| **Siemens PLM Software** January 2015-August 2015  *Software Development Co-op* **Java | XML | .NET**   * Optimized a utility, reducing the run time from 40 minutes to less than 5 seconds * Designed and developed widgets for a website utilizing GWT * Diagnosed and resolved multithreaded networking bugs * Maintained and improved several utilities involved in importing data from excel files to a database * Developed a java application to integrate issue tracking software with scrum management software   **Franklin County Emergency Management and Homeland Security** May 2014-August 2014  *Assistant to the IT Manager* **Java | PHP | MySQL**   * 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   **Zoombezi Bay** Summer 2012-2014  *Lifeguard*   * Responsibilities included enforcement of rules, safety of guests, and maintenance of park appearance | |
| **Additional Experience** | |
| **Programming Language Experience**   * Frameworks, APIs, Libraries, Software: GWT, GIN, Swing, LibGDX, Apache Commons, .NET, Ubuntu, RedHat, Excel * Proficient: Java, C++, C, .NET * Moderate: PHP, HTML/CSS, Javascript, BASH * Familiar: MySQL, MATLAB   **CloudScape** April 2014 - August 2015   * A turn-based, multiplatform MMO written with LibGDX **Java** * Published to the Google Play Store   **Fundamentals of Engineering Honors Robotics Competition** Spring 2014  *Lead Programmer* **C | C++**   * Developed software which allowed a robot to run the operations of a factory   **Hack OHI/O** October 2014   * Participated in a 36 hour hackathon **Java** * 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   * Participated in a 24 hour hackathon **JS | PHP | MySQL** * Programmed a website which allowed patients with similar medical conditions to talk to each other about their conditions | |
| **Activities** | |
| **Professional Development Program** Fall 2014-Spring 2015  *Vice President of Marketing and Web Development*   * Designed flyers to distribute at student organization fairs * Improved and maintained club website * Managed general club affairs | |