**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** | |
| **The Ohio State University** August 2015-Current  *Teaching Assistant* **Java**   * Responsibilities include answering questions, grading, and assisting with lab   **Siemens PLM Software** January 2015-August 2015  *Software Development Co-op* **Java | XML | .NET**   * Optimized a utility, reducing the run time by over 99% from 40 minutes to less than 5 seconds * Developed 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 software * Designed and developed widgets for a website utilizing Google Web Toolkit * Maintained and improved several utilities involved in importing data from excel files to a database   **Franklin County Emergency Management and Homeland Security** May 2014-August 2014  *Assistant to the IT Manager* **Java | PHP | MySQL**   * Automated the work of hundreds of volunteers * 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 | |
| **Additional Experience** | |
| **CloudScape Videogame** April 2014-Current   * A turn-based cross-platform strategy game written with LibGDX **Java | PHP | MySQL** * Developed completely individually and independently of any coursework * Published to the Google Play Store * Download Page: <http://cloudscape.site/>   **Fundamentals of Engineering Honors Robotics Competition** Spring 2014   * Developed software which allowed a robot to run the operations of a factory **C | C++** * Worked on a team of 3 students for a semester long robotics project course   **OHI/O Hackathon** October 2014   * Placed in the top 10 out of 60 teams **Java** * Won the Best Demo award * Programmed an Android app named “TraffiClock,” a smart alarm clock that would adjust its alarm 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   **Programming Language Experience**   * Proficient Languages: Java, C++, C, .NET * Familiar Languages: JavaScript, PHP, HTML/CSS, MySQL, BASH, MATLAB * Frameworks, APIs, Libraries, Software: GWT, GIN, Swing, LibGDX, Apache Commons, .NET, Ubuntu, RedHat, Excel | |
| **Activities** | |
| **Professional Development Program** Fall 2014-Spring 2015  *Vice President of Marketing and Web Development*   * Designed flyers, improved and maintained club website, and managed general club affairs | |