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|  | **Alexander T. Toney** | |  |
| **Email:** [Toney.77@osu.edu](mailto:Toney.77@osu.edu) **Phone:** 1 (513) 967-0093  **Education** | | | |
| **Columbus, OH** | **The Ohio State University** | **Expected Graduation: May 2019** | |
| * B.S. in Computer Science and Engineering Honors, Minor in Linguistics Honors **Overall GPA: 3.96** * Dean’s List (Autumn 2015 – Spring 2016) * Recipient of the Ohio State University Maximus Scholarship * **Coursework:** Fundamentals of Engineering Honors, Honors Collegium * **Activities:** Buckeye Hackers, Juggling Club, Aikido (Safety Manager), Boo Radley Society, Crosswalk Homeless Outreach | | | |
| **Cincinnati, OH** | **Sycamore High School** | **Graduated: May 2015** | |
| * Graduated Summa Cum Laude GPA 4.460 * **National Merit Finalist** (2015): Awarded for high achievement in academics, particularly on the PSAT and SAT tests | | | |
| **Engineering Experience** | | | |
| **IT Intern** | **American Woodmark Corporation, Winchester, VA** | | **Summer 2016** |
| * Developed a responsive internal web application with email notification functionality using ASP.Net MVC for project expense management and requisition approval * Increased efficiency and flexibility of requisition system that is used by more than 30 employees * Drafted a web application and designed the database structure for managing employee performance evaluations * Scheduled and coordinated 25 interviews with members of the company to learn about their experiences in IT | | | |
| **Leadership** | | | |
| **Juggling Club** (2015 – Present): *President*  - Doubled meeting attendance by improving communication with members and actively managing the club  - Coordinated members and resources for recruitment at the Autumn Student Involvement Fair  - Planned weekly club meetings by setting a time and location to adapt to varying situations  **Programming Team** (2013 – 2015): *Captain*  - Lead a team of 4 in programming challenges at the Miami University High School Programming Contest  - Presented topics in CS such as bit-string flicking, Turing completeness, cellular automata, prefix, and postfix - Prepared team members for the American Computer Science League contests and the Miami University High School Programming Contest through collaboratively solving practice problems  **Ohio State Welcome Leader** (Autumn 2015)  - Welcomed students and families on move-in day and assisted in transporting their possessions into the dorms | | | |
| **Technical Experience** | | | |
| **OHI/O Hackathon: Sentimetrics** (Autumn 2016)  - Created web app that mined twitter for tweets in a specific region, determined using Esri’s geocoding API, then processed them for sentiment values using Google’s NLP API, and then mapping the sentiment values over a heatmap using Esri’s ArcGIS API.  - Won $1000 from Esri for the best use of their API at the 24 hour hackathon.  **Fundamentals of Engineering Honors Robot Competition** (Spring 2016)  - Placed third overall out of 64 teams in a head to head competition which consisted of robots autonomously performing various movement and object manipulation tasks in 4-way races  - Worked with two other team members to build and program robot using Qt Creator and C to complete the entire course, reacting to data received during the run like light and position data  - Documented and presented the robot’s development process as the primary documenter  **OHI/O Hackathon: FriendMe** (Autumn 2015)  - Led in creating an android application for sharing contact and social media information through NFC as a member of four-person team during the OHI/O Hackathon using Android Studio and GitHub  - Achieved goal of a fully functional application that shared contact information, exchanged twitter follow requests, and linked users to add each other on Facebook by the end of the 24 hour hackathon  **Languages and Technologies**   * **Languages:** Proficient in Java. Familiar with C++, C#, HTML, MATLAB, Python. Exposure to Visual Basic, SQL, XML, CSS * **Technologies:** Android Studio, GitHub, Subversion, ASP.NET MVC, Linux, Visual Studio, Eclipse, MS Office | | | |