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|  | EliJAh Bosley elijahbosley.com  ekbosley@gmail.com | (434) 825-4109 | github.com/elibosley | Charlottesville, Virginia |
| EDUCATION | **rochester institute of technology** *August 2015* ***–*** *May 2020*GPA 3.7, Major GPA: 4.0, Dean’s List (all semesters)BS Software Engineering: Honors Program **Objective:** Seeking a position as a Software Engineering Intern in Spring or Summer of 2017 |
| Skills | **Experienced with:** Java, Python, Ruby, C, HTML, Arduino, Git, JavaScript  **Exposed to:** Processing, SQL, Android, Rails, Clojure  **Tools and Knowledge:** Unix Shell, SSMS, Vim, .NET, JQuery, Angular.js, D3.js, Github |
| Professional Experience | **ROCHESTER INSTITUTE OF TECHNOLOGY** Research Assistant *August 2016 – Present*   * Currently developing a project to display previous vulnerabilities in software * Working to design front-end timeline used for data visualization using D3 and jQuery |
| **TECH DYNAMISM** Software Engineering Intern *May 2016* ***–*** *August 2016*   * Worked on developing a web-app for managing organization staff * Updated and wrote JavaScript and C# code, improved site layout and user experience, wrote unit tests to improve code coverage |
| **SELF-EMPLOYED** Computer Programming Mentor *June 2015* ***–*** *August 2015*   * Mentored a 9th grade student in the Java programming language * Researched and tutored to create a top-down videogame with dynamic lighting |
| **Northrop Grumman** **High School Involvement Program (HIP)** *August 2012* ***–*** *May 2013*  * Worked in a two-person team to design a first-person camera system for an unmanned-aerial vehicle * Created a system that used a radio frequency transmitter and receiver to transmit video signals to the aircraft |
| Relevant Experience | **Holodesk *September 2016 – Present***  * Working on improving touch detection using Arduino and ADXL345 accelerometers for the HoloDesk project, an interactive touch screen display using a Kinect and projector |
| **Android Text Clock widgeT *July 2016 – September 2016***  * Developed and published a widget for Android that displays the time as a text string * Included features like font customization, text style, and color |
| **Arduino door lock *September 2015 – May 2016***  * Created a lock for a dorm room that allowed access through the internet as well as key-card entry |
| Leadership | **Society of Software Engineers** Talks Head *August 2016* ***–*** *Present*  * Mentorship and social society with over 50 active members * Talks Head: responsibilities included organizing talks with students and faculty about many fields of interest |
| **FIRST ROBOTICS** FTC Team Defying Gravity: Build Team Co-Leader *August* *2012 – May 2013*  * Virginia State Champion, Regional Inspire Award and Winning Alliance Award Recipient * Worked in a team to design, build, and program a 16-inch cubed robot to solve a four-foot-tall tic-tac-toe board |