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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 |
| Professional Experience | **ROCHESTER INSTITUTE OF TECHNOLOGY** Research Assistant *August 2016 – Present*   * Developing a collaboration tool for the curation of software vulnerability history data * Designed front-end timeline used for data visualization using D3 and jQuery |
| **TECH DYNAMISM** Software Engineering Intern *May 2016* ***–*** *August 2016*   * Developed a web application for managing a large scope of organization related tasks * Improved site layout, wrote production code, created unit tests * Participated in scrum development as a member of the development team |
| **SELF-EMPLOYED** Computer Programming Mentor *June 2015* ***–*** *August 2015*   * Mentored a 9th grade student in the Java programming language * Implemented a dynamic lighting system for mentee’s video-game |
| **Northrop Grumman** **High School Involvement Program (HIP)** *August 2012* ***–*** *May 2013*  * Created a first-person-camera system UAV as part of a two-person team * Designed a system that used a radio frequency transmitter and receiver to transmit video signals to the aircraft |
| projects | **Holodesk *September 2016 – Present***  * Interactive touch screen display using a Kinect and projector * Writing code to improve touch detection using Arduino and ADXL345 accelerometers |
| **Android Text Clock widgeT *July 2016 – September 2016***  * Developed and published a widget for Android that displays the time as text * Included features like font customization, text style, and color |
| **Arduino door lock *September 2015 – May 2016***  * Made a lock for a dorm room that allowed access through the internet as well as NFC * Implemented serial protocol with processing to display door status and receive data |
| Leadership | **Society of Software Engineers** Talks Head *August 2016* ***–*** *Present*  * Mentorship and social society with over 50 active members * Organized 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 treaded robot * Designed dual-motor geared drive system to maximize speed and power with treads |
| 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, D3, Github |