|  |  |
| --- | --- |
|  | EliJAh Bosley elijahbosley.com  ekbosley@gmail.com | (434) 825-4109 | github.com/elibosley | Charlottesville, Virginia |
| EDUCATION | **rochester institute of technology** *August 2015* ***–*** *December 2016*GPA 3.7, Dean’s List (all semesters)BS Software Engineering: Honors Program**PIEDMONT VIRGINIA COMMUNITY COLLEGE** *January 2017* ***–*** *May 2017* GPA 4.0, President’s List **UNIVERSITY OF VIRGINIA** *May 2017* ***–May 2019*** BS Computer Science |
| Professional Experience | **WILLOWTREE APPS** Software Engineering Intern *May 2017****–August 2017***   * Worked as a full-stack developer on Wombats, a coding based videogame * Built features with modern web techniques using functional programming in Clojure |
| **ROCHESTER INSTITUTE OF TECHNOLOGY** Research Assistant *August 2016 – December 2016*   * Developed 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*   * Expanded a web application for managing a large scope of organization related tasks * Wrote code, fixed issues, and created unit tests for commercial software |
| **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 | **Healthnet *August 2016 – December 2016***  * Team leader of a team tasked with building a health tracking system in Django * Oversaw major design decisions and development hurdles as well as logistics |
| **Arduino door lock *September 2015 – May 2016***  * Made a lock for a dorm room that allowed access through the internet as well as NFC * Built web based control panel using PHP and Processing to view lock status |
| Leadership | **Society of Software Engineers** Talks Head *August 2016* ***–*** *December 2016*  * Mentorship and social society with over 50 active members * Organized talks with students and faculty about various technical subjects |
| **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 treaded robot |
| Skills | **Experienced with:** Clojure, Java, Python, HTML, Arduino, Git, JavaScript, Django, Processing  **Exposed to:** C++, SQL, Android, Rails, Ruby  **Tools and Knowledge:** React.js, Unix Shell, SSMS, Vim, .Net, JQuery, Angular, D3, Github, |