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 INC 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 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,