

ELIJAH BOSLEY elijahbosley.com

ekbosley@gmail.com | (434) 825-4109 | github.com/elibosley | Charlottesville, Virginia

EDUCATION	ROCHESTER INSTITUTE OF TECHNOLOGY , Rochester, New York BS Software Engineering, Honors Program, Expected 2020 RIT Dean's List: (GPA 3.7, Major GPA: 4.0)	2015-Present
SKILLS	Experienced with: C#, Java, Python, Ruby, C, HTML, Arduino, GIT, GitHub Exposed to: JavaScript, Processing, SQL, Android, Rails, Clojure Tools and Knowledge: Windows, Linux, Unix Shell, SQL, SSMS, Vim, .NET, JQuery, Angular.js, MVC, Experience with good software design and development principles	
JOBS	ROCHESTER INSTITUTE OF TECHNOLOGY Research Assistant Member of a research team tasked with developing a web application for displaying previous vulnerabilities in software. Designed to allow researchers and engineers avoid bugs and exploits that might have been used in the past. TECH DYNAMISM Software Engineering Intern Worked on a large scale C#, .Net Framework and Web (AngularJS, JQuery, Bootstrap) project. Created unit tests, fixed bugs, redesigned features and participated in scrum development as part of a developer team. SELF-EMPLOYED Computer Programming Mentor Mentored a rising 9 th grade student in the Java programming language and helped him to create a top-down videogame, with dynamic lighting. TANDEM FRIENDS SCHOOL Technical Volunteer Assisted in creation and implementation of a Linux distribution for Tandem Friends School workstations, to optimize speed for low end hardware. NORTHROP GRUMMAN High School Involvement Program (HIP) Worked in a two-person team to design a first-person camera system for an unmanned-aerial vehicle, using radio frequency to transmit video signals.	2016-Present 2016 2015 2014-2015 2012-2013
PROJECTS	ARDUINO DOOR LOCK Door lock for dorm room using Arduino and Adafruit NFC shield to allow unlocking through NFC and the internet through serial LASERS JAVA PROJECT Collaborative project to create a GUI game in JavaFX with backtracking solution-solving and gameplay similar to Minesweeper ARDUINO LED CONTROLLER Arduino-driven LED light strip that allows full light customization and music visualization through serial link and custom GUI ANDROID TEXT CLOCK WIDGET Widget that shows the time in written text and is fully customizable with color-picker for background and text as well as text customization and dynamic resizing	
EXTRA-CURRICULAR	SOCIETY OF SOFTWARE ENGINEERS Talks Head Mentorship and social society with over 50 active members. As the Talks Head, responsibilities include reaching out to professional organizations and companies to find professional speakers as well as interacting with students to help them give interesting speeches. FIRST ROBOTICS FTC Team Defying Gravity: Build Team Co-Leader Virginia State Champion, Regional Inspire Award and Winning Alliance Award Recipient, helped to design, build, and program a 16 inch ³ robot to solve a four-foot-tall tic-tac-toe board.	2015-Present 2012-2013