

ELIJAH BOSLEY elijahbosley.com

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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

Exposed to: JavaScript, Processing, SQL, Android, Rails, Clojure

Tools and Knowledge: Windows, Linux, Unix Shell, SQL, SSMS, Vim, .NET, JQuery, Angular

Experienced with design and software development principles, as well as good development practices

JOBS

TECH DYNAMISM Software Engineering Intern

2016-

Worked as a software developer 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

2015

Mentored a student in the Java programming language and helped him to create a simple top-down videogame, with dynamic lighting.

TANDEM FRIENDS SCHOOL Technical Volunteer

2014-2015

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)

2012-2013

Designed a first-person camera system for an unmanned-aerial vehicle, using radio frequency to transmit video signals.

PROJECTS

ARDUINO DOOR LOCK

Door lock for dorm-room using Arduino and Adafruit NFC shield to allow unlocking, internet enabled through serial

LASERS JAVA PROJECT

Collaborative project to create a GUI game 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 picking for Android

EXTRA-CURRICULAR

SOCIETY OF SOFTWARE ENGINEERS, Talks Head

2015-Present

Mentorship and social society with over fifty active members. As the rising Talks Head, responsibilities include reaching out to professional organizations and companies to find professional speakers as well as interacting with students to help present interesting ideas.

FIRST ROBOTICS FTC Team Defying Gravity

2012-2013

Virginia State Champion, Regional Inspire Award and Winning Alliance Award Recipient, Build Team Co-Leader, helped to design, build, and program a 16"x16" robot to solve a 4-foot-tall tic-tac toe board.