

# ELIJAH BOSLEY [elijahbosley.com](http://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.