

ELIJAH BOSLEY elijahbosley.com

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SKILLS & ABILITIES

- ❖ Experienced with: Arduino, C, Processing, Windows, Linux (Ubuntu, Mint), Unix Shell, SQL
- ❖ Background in Java and Python with numerous completed projects
- ❖ Hands on work with networking, setting up NAS, DD-WRT, and basic servers
- ❖ Knowledge of design and software development principles, as well as good development practices
- ❖ Extensive experience troubleshooting through internet and phone

EXPERIENCE

SELF-EMPLOYED Computer Programming Mentor 2015
Mentored a student in the Java programming language and helped him to create a simple side scrolling 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.

COMPUTERS4KIDS Refurb Volunteer 2012, 2014
Installed OS and software on used and donated computers for distribution to children in need.

SELF-EMPLOYED Computer Repair 2012, 2014
Home-based computer repair and technology problem-solving summer business, sourced products and researched software to solve various hardware and software issues.

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 robot to solve a 48 inch tall tic-tac toe board.

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.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, New York 2015-Present
BS Software Engineering, Honors Program, Expected 2020
RIT Dean's List (GPA 3.7)

TANDEM FRIENDS SCHOOL, Charlottesville, Virginia 2013-2015
Honor Roll Student, Private High School
Senior Project: Designed and created open-loop water-cooling system for a desktop computer

Governor's School (Virginia) Engineering Nominee

Tandem Friends School Swim Team Member

ALBEMARLE HIGH SCHOOL, Charlottesville, Virginia 2011-2013
Honor Roll Student, Public High School

Attended the Math Engineering and Science Academy, a selective STEM program for Albemarle County Public Schools

Volunteer Coach for Hollymead Swim Team

Hollymead Swim Team Member, Coaches Award Recipient, member for 8 years