ELIJAH BOSLEY elijahbosley.com

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SKILLS & ABILITIES

- ❖ Experienced with Arduino, C, Processing, Windows, Linux (Ubuntu, Mint), Unix Shell
- ❖ Background in Java and Python with numerous projects completed as well as classes
- ❖ Hands on work with networking, setting up NAS, DD-WRT, and basic servers
- ❖ Knowledgeable about hardware and software, able to adapt to new platforms easily
- ❖ 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" high 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