ELIJAH BOSLEY elijahbosley.com

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SKILLS & ABILITIES

- ❖ Experienced with: C#, .Net, JavaScript, Arduino, C, Ruby, Processing, Windows, Linux (Ubuntu, Mint), Unix Shell, SQL, SSMS
- ❖ 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

EXPERIENCE

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 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 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 16"x16" robot to solve a 4-foot-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, Major GPA: 4.0), Society of Software Engineers: Talks Head

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