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|  | EliJAh Bosley elijahbosley.com  ekbosley@gmail.com  |  (434) 825-4109 | github.com/XenthisX | Charlottesville, Virginia | |
| Skills & Abilities | * Experienced with: Arduino, C, Ruby, 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  Mentored a student in the Java programming language and helped him to create a simple side scrolling videogame, with dynamic lighting. | 2015 |
| **TANDEM FRIENDS SCHOOL Technical Volunteer** Assisted in creation and implementation of a Linux distribution for Tandem Friends school workstations, to optimize speed for low end hardware. | 2014-2015 |
| **COMPUTERS4KIDS** **Refurb Volunteer**  Installed OS and software on used and donated computers for distribution to children in need. | 2012, 2014 |
| **SELF-EMPLOYED Computer Repair** Home-based computer repair and technology problem-solving summer business, sourced products and researched software to solve various hardware and software issues. | 2012, 2014 |
| **FIRST ROBOTICS** FTC Team Defying Gravity 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. | 2012-2013 |
| **Northrop Grumman** **High school Involvement Program (HIP)** Designed a first-person camera system for an unmanned-aerial vehicle, using radio frequency to transmit video signals. | 2012-2013 |
| Education | **rochester institute of technology**, Rochester, New YorkBS Software Engineering, Honors Program, Expected 2020 RIT Dean’s List: (GPA 3.7, Major GPA: 4.0), Society of Software Engineers: Talks Head | 2015-Present |
| **tandem friends school**, Charlottesville, VirginiaHonor 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 | 2013-2015 |
| **Albemarle high school**, Charlottesville, VirginiaHonor 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 | 2011-2013 |