

Education

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| <u>University of Pennsylvania, School of Engineering and Applied Science</u> | Philadelphia, PA |
| Candidate for Bachelor of Science in Engineering | May 2018 |
| Major: Mechanical Engineering and Applied Mechanics | |
| Cumulative GPA: 3.56 / 4.00 | |
| Specialized Coursework: Scientific Computing, Mechanical Design, Digital Design | |
| <u>University of Pennsylvania, Pennsylvania Summer Science Institute</u> | Philadelphia, PA |
| Performed experimental labs using Scanning Electron Microscopy, tensile tests, and differential scanning calorimetry | June – July 2012 |
| <u>Jack M. Barrack Hebrew Academy</u> | Bryn Mawr, PA |
| Honors: AAPT 2013 Outstanding Physics Student of the Year, 2013 Rensselaer Medal Award, Pennsylvania Senatorial Good Citizenship Award, Senior Hebrew Award | June 2014 |
| Activities: Class Treasurer (4 years), Layout Editor for Hebrew Newspaper, Robotics Club | |
| <u>Alexander Muss High School in Israel</u> | Hod Hasharon, Israel |
| Studied abroad first trimester of 11th grade | August - November 2012 |
| Concentrated in Israeli history, international relations, geography, and language | |

Skills

Operating Systems: Windows, Mac OS X, Linux
Software: SolidWorks, MATLAB, Xilinx, MS Office, Adobe InDesign, SketchUp
Programming Languages: MATLAB, Bash, VHDL, HTML, CSS, Javascript, Applescript, familiar with Python
Other Languages: Hebrew (fluent), Spanish (familiar)

Employment

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| <u>College House Computing, University of Pennsylvania</u> | Philadelphia, PA |
| Information Technology Advisor | August 2014 - Present |
| Assist students in the dorms with connecting to networks, removing viruses, setting up new devices, and general troubleshooting | |
| <u>The Franklin Institute</u> | Philadelphia, PA |
| Greeter, Guest Services | May – August 2014 |
| Answered questions while maintaining a welcoming environment for guests. | |
| Science Presenter (volunteer) | June 2011 - May 2014 |
| Enhanced visitors' experiences by guiding them through interactive features in exhibits and assisting with hands-on science demonstrations | |
| <u>Francisvale Home for Smaller Animals</u> | Wayne, PA |
| Intern (volunteer) | March – May 2014 |
| Managed multiple online databases and assisted with office work while supporting all aspects of animal care | |
| <u>Temple Beth Hillel Beth El Religious School</u> | Wynnewood, PA |
| Assistant Teacher | January 2010 – June 2013 |
| Assisted in the instruction of Hebrew and religious studies; also ran various classroom functions and created a positive learning atmosphere | |