

## 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  |                        |
| Courses: Introduction to Mechanics with Lab, Chemistry with Lab, Scientific Computing  |                        |
| <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       |
| Participated in an introduction to Materials Science and Engineering program   |                        |
| <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, in Israel.   | August - November 2012 |
| Concentrated in Israeli history, international relations, geography, and language.   |                        |

## Skills

Operating Systems: Windows, Mac OS, Linux  
Software: MS Office, SketchUp, Adobe InDesign, iWork, learning MATLAB  
Programming Languages: HTML, CSS, Javascript, Applescript, Shell, 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. |                          |