

Benjamin Bernstein

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Work Experience

Science Presenter at The Franklin Institute (Philadelphia, PA) **June 2011 - Present**

- Volunteer position in the summer of 2011. Continued to work regularly during the following school years and summer vacation. Earned Presidential Volunteer Service Award in August 2012
- In direct contact with the public on the museum floor. Enhanced visitors' experiences by demonstrating features in exhibits and answering questions.

Intern at Francisvale Home for Smaller Animals **April 2014 - May 2014**

- Responsible for maintaining living spaces for cats and dogs, providing a clean, healthy, and loving environment. Also assisted in office work and the management of multiple databases.

Assistant Teacher at Temple Beth Hillel Beth El Religious School (Wynnewood, PA) **January 2010 - Present**

- Worked every Sunday and select Saturdays during the school year. Assisted teacher in all aspects of classroom activities including holiday projects, weekly assignments, field trips, and recess.

Education and Formal Programs

University of Pennsylvania Class of 2018 (School of Engineering and Applied Science) **2014-2018**

- Major in Mechanical Engineering. Minor in Electrical Engineering.

Jack M. Barrack Hebrew Academy (Bryn Mawr, PA) - Currently in 11th grade **2007 - Present**

- AP Classes: AP Government and Politics (12th), AP Calculus BC (12th), AP Chemistry (12th), AP Physics (11th)
- Honors Classes: Calculus (11th), Elementary-Functions/Trigonometry (10th), Chemistry (10th), Algebra II (9th), Biology (9th), Hebrew Language (9th - 12th), Jewish Studies (9th - 12th)
- In School Activities/Clubs: Class Treasurer (9th - 12th grades), Layout Editor for Hebrew Newspaper (9th - 12th grades), Robotics Club (11th & 12th), Annenberg Science Symposium (9th grade)

Alexander Muss High School in Israel (Hod Hasharon, Israel) **August - November 2012**

- Studied abroad first trimester of 11th grade in Israel. Participated in the study of history, international relations, geography, literature, and language while being immersed in the Israeli culture and taking regular high school courses.

University of Pennsylvania (Pennsylvania Summer Science Institute - PSSI) **June - July 2012**

- Participated in an introduction to Materials Science and Engineering program. Attended daily lectures and performed experimental labs, which included formal college-level lab reports.

Awards, Skills, and Hobbies

- Recipient of the American Association of Physics Teachers 2013 Outstanding Physics Student of the Year award.
- Recipient of the 2013 Rensselaer Medal Award for outstanding academic achievement in math and science.
- Proficient in computer programming: Applescript, HTML+CSS, some Javascript/JQuery, some Python. Speaks Hebrew fluently, familiar with Spanish. Enjoys robotics, computers, economics, politics, sports, juggling, and playing the guitar.