

# 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.

**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.

**Assistant Counselor at Riverbend Environmental Education Center** (Gladwyne, PA) **June 2010 - July 2010**

- Helped teach campers about nature, animals, and the environment. Led hikes, aided counselors, and assisted in all camp activities.

## Education and Formal Programs

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

**2007 - Present**

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

**Alexander Muss High School in Israel** (Hod Hasharon, Israel)

**August - November 2012**

- Studied abroad first trimester of 11<sup>th</sup> 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.

**University of Pennsylvania Class of 2018 (Mechanical Engineering)**

**2014-2018**

## 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, Python, some HTML and CSS. Speaks Hebrew fluently, Familiar with Spanish. Enjoys robotics, computers, aerospace, economics, politics, sports, and playing the guitar.