

Benjamin Bernstein

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Work Experience

Science Presenter, The Franklin Institute (Philadelphia, PA)

June, 2011 - Present

- Volunteer position in the summer of 2011. Work over vacations during the school year and summer. Earned Presidential Volunteer Service Award in August, 2012. Enhance visitors' experiences by demonstrating features in exhibits, answering questions, and providing assistance.

Intern, Francisvale Home for Smaller Animals (Radnor, PA)

March, 2014 - Present

- Maintain living spaces for cats and dogs, providing a clean, healthy, and loving environment. Assist with office work and the management of multiple computer databases.

Assistant Teacher, Temple Beth Hillel Religious School (Wynnewood, PA)

January, 2010 - June, 2013

- Worked Sundays 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, School of Engineering and Applied Science

To begin Fall of 2014

- Plan to major in Mechanical Engineering and minor in Electrical Engineering.

Jack M. Barrack Hebrew Academy (Bryn Mawr, PA) - Currently in 12th grade

2007 - Present

- AP Classes: AP Calculus BC (12th), AP Chemistry (12th), AP US Government (12th), AP Physics C (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. Concentrated in Israeli history, international relations, geography, literature, and language while being immersed in the country's culture. Continued taking 11th grade American academic subjects while abroad.

University of Pennsylvania, Pennsylvania Summer Science Institute

June - July, 2012

- Participated in an introduction to Materials Science and Engineering program. Attended daily lectures and performed experimental labs. Wrote 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 and HTML+CSS. Familiar with Javascript/JQuery, Python. Speak Hebrew fluently. Familiar with Spanish.
- Enjoy robotics, computers, economics, politics, sports, juggling, and playing the guitar.