# EDUCATION

**University of Illinois at Urbana-Champaign 2017 - Current**

* Expected Bachelor of Science in Computer Science and Statistics

**Palos Verdes Peninsula High School (CA) 2013 - 2017**

* GPA: 3.6 (unweighted) / 4.4821 (weighted)

# WORK AND INTERNSHIP EXPERIENCE

**Research Internship at USC Dornsife Spring 2016 – Summer 2017**

* Worked at USC Dana and David Dornsife College of Letters, Arts and Sciences under Dr. Emile-Geay
* Involved in mapping, compiling, and analyzing speleothem data through python
* Use different algorithms to map out speleothem data over geographical regions and timescales
* Research project is very closely related to the <http://linked.earth/> project

# TECHNICAL SKILLS

**Expected proficiency in Java, Python, and C++**

* Currently learning C++ from class
* Not proficient but work experience with python from internship at USC
* 3 years of high school java and python experience from classes and personal projects

# ACTIVITIES AND AWARDS

**TSA TEAMS** **June 2016**

*Won States Level, Semi-Finalist at National (Nashville Tennessee)*

* Competition involving extensive and high-level knowledge of engineering, physics, chemistry, biology, and calculus in order to compete.
* Placing within the top few within the state allows the team to compete at the national level
* Compete in categories of hands on, problem solving, presentation, and essay.

**Northrop Grumman High School Innovation Challenge**  **April 2016**

*Quarter Finalist*

* Made it as far as the final four competitors at competition
* Engineering competition with various topics every year
* The 2015 year required teams to build a hovercraft which is judged on how fast it can clear the obstacle course, how much weight payload can it carry while maximizing time, and how maneuverable is the hovercraft
* Competition was on Northrop Grumman office in California

**Congressional Award**  **September 2016**

*Silver Medal*

* 200 Voluntary Service Hours
* 100 Personal Development Hours
* 100 Personal Fitness Hours
* 2 Nights/3 Days Self-Planned Expedition
* Completion of requirements within 1 year
* Award was awarded by a private meeting with Congressman Ted Lieu

# VOLOUNTEER EXPERIENCES

**Los Angeles Metropolitan Youth Orchestra** **2013 - 2017**

*President, Principal First Chair Trumpet*

* Organizes and leads the student body of the youth orchestra
* Leads the orchestra in rehearsals every Friday
* Spokesperson for the organization during monthly charity performances at various senior living centers and hospitals
* Perform charity concerts at local hospitals, orphanages, and senior housings

**Global Youth Mission 2013 - 2017**

*Member*

* Volunteer group that reaches out to the community and provides charity services and events for those in need
* Visits Mexico several times a year to help at a local hospital and orphanage in an impoverished area