

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA

Bachelor of Arts: Applied and Computational Mathematics

Minor in Natural Sciences

Relevant Coursework: Statistics, Calculus, Linear Algebra, Physics, Chemistry, Biology

Honors: USC Dornsife College of Letters, Arts, & Sciences Dean's List (2013-14), Presidential Scholar, State Farm Foundation Scholarship Recipient, Town and Gown Scholar

Los Angeles, CA

Graduating May 2017

EXPERIENCE

USC Health Science Campus

Research Assistant

Los Angeles, CA

June 2014—Present

- Researched relationship between mononuclear cardiomyocytes and heart regeneration within mice populations
- Assisted in discovering potential gene that has an influence on potency of natural heart regeneration in mice
- Developed proficiency in lab techniques such as sectioning (cryo and paraffin), cell staining, microscopy, PCR, gel electrophoresis, mice heart dissection, and immunostaining

Children's Hospital Los Angeles

Research Assistant

Los Angeles, CA

June 2014—August 2014

- Worked alongside Dr. Subramanyan and Dr. Starnes at the pediatric cardiology unit in Children's Hospital Los Angeles to study the effectiveness of the "Starnes Procedure" on patients who were born with the congenital heart defect Ebstein's anomaly
- Created a database of over 50 patients showing their progress over the course of up to twenty years after their initial operation by analyzing patient charts

Private Tutoring

Thousand Oaks, CA

August 2012—August 2013

- Graduated from the Kumon Learning Center Math Program and then proceeded to become a math tutor afterwards
- Taught SAT to several students privately and raised their scores up by an average of 200 points

LEADERSHIP & INVOLVEMENT

Alpha Phi Omega—Community Service Fraternity

Active Member

Los Angeles, CA

December 2014 – Present Day

Pledge Fellowship Chair

September 2014 – December 2014

- Coordinated several events every week to promote friendship (one of the three cardinal principles of our organization: Friendship, Leadership, and Service) amongst the pledge class
- Planned a chapter-wide event that 40 plus members attended

Omega Family Head

January 2015 – May 2015

- Created fellowship events throughout the semester for Omega Family members to attend
- Planned and executed a daylong event where 15 pledges had to accomplish missions to find out who their bigs were

Alpha Lambda Delta—Freshman Honor Society

Technology Chair and Interim Secretary

Los Angeles, CA

May 2014 – May 2015

- Updated and maintained the website for the organization during the school year
- Managed the email account to send out updates to over 500 members and respond to any questions that were returned
- Recorded and sent out weekly minutes of e-board meetings to all e-board members after the appointed secretary resigned

AATP (Asian American Tutoring Program)

Math Tutor

Los Angeles, CA

January 2014 – May 2014

- Worked alongside an appointed student at an elementary school in China Town and taught him weekly math lessons

SCouts (Science Outreach)

Science Tutor

Los Angeles, CA

September 2013 – December 2013

- Travelled to elementary schools near USC campus and taught science concepts to children (mainly 4th graders) through fun and clever experiments

SKILLS & INTERESTS

Technical skills: Introductory C++, Introductory Java Programming, Microsoft Office (Word, PowerPoint, Excel)

Languages: Conversational Spanish

Interests: Tennis, Swimming, Volleyball, Vlogging, Cooking, Music, PC Gaming, Gymming