

## EDUCATION

- University of California, Los Angeles (UCLA)** Expected Dec 2017  
Bachelor of Science in Bioengineering
- West Island School, Hong Kong** September 2006 – June 2013  
International Baccalaureate (2013) – 43 out of 45 points

## WORK EXPERIENCE

- Biochemistry Laboratory Intern** August – September 2015  
The University of Hong Kong - Shenzhen Hospital, China
- Contributed to revising reference range values for biological tests on the hospital's lab information system.
  - Compiled values on the instruction manual and compared to values stored on the lab information system.
- UCLA Challenge Course Facilitator** November 2015 – present
- Work as a valuable team member in scheduling, facilitating, and operating the course. Effectively communicate to a wide range of individuals from varied backgrounds.
  - Empower clients utilizing "challenge by choice". Direct and debrief activities to encourage communication and to build teamwork and collaboration.
- Sadeghi Lab Undergraduate Research Assistant** January 2016 – Oct 2016
- Run experiments with electrochemical cells to optimize regioselective synthesis techniques for direct nucleophilic [18F] fluorination in the hopes of improving PET probes.
  - Collect sets of data looking at different variables on the yield in order to optimize the fluorination of an aromatic sulfur compound in the one compartment cell.
- Ozcan Lab HHMI Undergraduate Researcher** October 2016 – present
- Assist in the development of a new project called Magnetic Lensfree Imaging with the goal of using particles with magnetic properties and a lensfree imaging set up for diagnostics such as detecting cancer cells.
  - Responsible for experimentation, programming with MATLAB, and 3D design with AutoDesk Inventor.

## COMMUNITY & VOLUNTEER

- Volunteer Counselor** March 2015 –present  
UCLA Unicamp, Los Angeles, California
- Empower campers from underserved communities by fostering in them a sense of self and societal awareness through innovative group activities that develop strengths and address weaknesses.

## SKILLS

- Analysis by HPLC.
- Ability to run electrochemistry experiments.
- Knowledge of fundamental bioengineering lab techniques.
- Proficient in MATLAB.
- Knowledge of COMSOL and AutoDesk Inventor.