

1470 Graywood Dr., San Jose, CA
(408) 624-6118 isabelyang@berkeley.edu

University of California Berkeley	Berkeley, California	2013-Present
Regents' and Chancellor's Scholar		
Major: Materials Science and Engineering Intended Minor: EECS		
Expected Graduation Date: May 2017		
Relevant Coursework: <i>MSE</i> Introduction to Materials Science. Bonding, Crystallography, and Crystal Defects. Material Characterization.		
<i>EECS</i> Electricity & Magnetism. Circuits. Signals & Systems. Data Structures.		
Lynbrook High School	San Jose, California	2009-2013
Unweighted GPA: 3.95 SAT: 2290 SAT 2: Math: 800, Chemistry: 790		

- MEDICAL POLYMERS GROUP, Berkeley, CA, 2014-Present
 - Failure analysis of retrieved shoulder implants from the University of California San Francisco. (Materials: Cobalt Chrome, Polyethylene)

- SANDIA NATIONAL LABORATORIES, Livermore, CA, Summer 2014
Metallurgical Student Intern
 - Studied the process-optimization of Gas Tungsten Arc welding on 2219 Aluminum
 - Side projects: 316L Steel Forgings and Bismuth Telluride thermoelectric material
- LOCKHEED MARTIN SPACE SYSTEMS COMPANY, Sunnyvale, CA, Summer 2012
Product Quality Assurance Department
 - Helped department switch to a new database system named SAP. Worked with software and test engineers to develop new ways to make implementation faster.

- REGENTS AND CHANCELLORS STUDENT ASSOCIATION, UC Berkeley, 2013-Present
 - Alumni Committee Head
- SOCIETY OF WOMEN ENGINEERS (SWE), UC Berkeley, 2013-Present
 - Public Relations Officer

- ANDROID MOBILE APPLICATION DEVELOPMENT
 - FLARE, UC Berkeley, 2014
 - Worked with a team to create a mobile application made for natural disaster response. It allows users to “ping” their location to emergency response teams during a disaster, as well as reference a manual for instructions.

- COMPUTER PROGRAMMING: JAVA and MATLAB
- MATERIAL CHARACTERIZATION: Scanning Electron Microscopy, Grain Size Measurements, Optical Microscopy, Rockwell/Vickers Hardness
- MICROSOFT OFFICE: Word, Excel, PowerPoint, and Access.
- ADOBE CREATIVE SUITE: Photoshop, Illustrator, InDesign, and Lightroom.