

# Manny Lazalde

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## Education

**University of California, Berkeley**

**August 2015 - May 2019**

Bachelor of Science, Mechanical Engineering, 3.86 GPA

## Experience

### **CalSol - UC Berkeley Solar Vehicle Team**

#### ***Mechanical Subteam***

**September 2015 - Present**

- Modeled and redesigned brake caliper mounting brackets using SolidWorks
- Machined active car parts out of aluminum in UC Berkeley Machine Shop
- Helped assemble chassis jig for mounting current car chassis
- Participating in American Solar Challenge Race over summer of 2016

### **Second Sight Medical Products**

#### ***Operations Assistant***

**July 2014 - August 2014**

- Collected/analyzed electrical information of machines in cleanroom to prevent overload
- Presented power distribution matrix report Director of Manufacturing
- Created cleanroom compatible clock backings using SolidWorks and a CNC machine

### **Clinical Data Specialist**

**July 2015 - August 2015**

- Data entry/analysis through Open Clinica entering CRF's, AE's, ED's, and POR's
- Retinal Data including OCT and Fundus verification
- Initiation and subsequent filing of patient records
- Created report for Marketing analyzing cost of patient study

## Skills and Qualifications

- Computer skills:
  - SolidWorks, MATLAB, AutoCad, and Fusion 360
  - HTML, CSS, Javascript, and Python
  - Adobe Photoshop and Lightroom
  - Microsoft Office, Powerpoint, and Excel
- Proficient in Spanish
- UC Berkeley Machine Shop Experience
- 3D Printing experience

## Volunteer Experience

### **UC Berkeley Newman Hall**

**November 2015 - Present**

#### ***Eucharistic Minister, Student Dinner Volunteer, Loaves and Fishes***

- Serve Communion to over 100 parishioners weekly
- Distribute food to local homeless on a monthly basis