

# SUZANNA J. SIM

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## Education

### **University of California, Davis**

**September 2016 – Present**

-Materials Engineering with an emphasis in Mechanical Engineering  
-Relevant Coursework: Properties of Materials with lab, Classical Physics (mechanics, fluid dynamics, thermodynamics, waves, optics) with lab, General Chemistry (kinetics, thermochemistry, electrochemistry, spectroscopy) with lab, Engineering Calculus, Python

### **St. Francis High School**

**August 2012 – May 2016**

-High Honor Roll, National Honor Society, California Scholarship Federation, Foreign Language Honor Society, AP Scholar with Distinction, National Merit Scholar  
-SFHS String Ensemble President, Robotics Club member

## Skills

**Technical:** Microsoft Office, Python, Solidworks, HTML/CSS/Javascript, MATLAB, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Data Extraction/Compiling, Social Media, Spanish (proficient), Korean (fluent), English (fluent)

**Soft:** quick learner, punctual, adaptive, efficient under pressure, collaborative, strong communication skills

## Experience

### **Student Startup Center - Creator Challenge 2018 Team Intern**

**November 2017 - Present**

-Communicating with companies for sponsorship as well as handling social media, logistics, design, and marketing for the the 2018 Ideathon, Create-a-thon, and Shark-a-thon to propel entrepreneurship and technology at UC Davis

### **Nanomaterials in the Environment, Agriculture, and Technology Laboratory Assistant (NEAT-ORU)**

**November 2017 - Present**

-Extracting and compiling data information from research papers to create the first ever high temperature melt solution excel database for calorimetry researchers across the United States, China, Germany, Israel and more.

### **UC Davis Center for Integrated Computing and STEM Education (C-STEM)**

**August 2017 - November 2017**

-Learned Ch (special code created by Professor Harry Cheng) and utilized RoboBlockly to create drag and drop coding assignments to assist middle school students learn math, created the 2017 C-STEM Conference brochure pamphlet with Adobe Illustrator and Adobe InDesign

### **Computer Room Consultant**

**April 2017 – June 2017**

-Provided computer consulting on Mac and PC platforms, assisted users with IET-ATS computer classroom software and networking, performed basic troubleshooting of hardware and software problems in IET-ATS computer classrooms

### **Theta Tau Public Relations Chair**

**January 2017 – June 2017**

-Designed shirts for 200+ students and 16+ universities for the 2017 Spring Western Regionals Conference  
-Designed and organized Spring 2017 Rush flyers, shirts, Facebook cover photos, Snapchat filters, website banners, and profile overlays for 50+ fraternity members  
-Managed and oversaw all social medias and public branding for the fraternity, implemented new social media branding ideas such as “Brother of the Week”

## Other

### **Advanced Modeling Aeronautics Team**

**September 2017– Present**

-active member of the fuselage team, currently in the designing and Solidworks modeling process for proposed fuselage ideas

### **Society of Women Engineers**

**September 2017– Present**

-active member, working to expand diversity in the engineering field

### **Theta Tau, co-ed professional engineering fraternity**

**September 2016– Present**

-active member

### **Archery**

**June 2009– Present**

-sponsored by Win&Win, 2015 USA Team, 2015 Youth Worlds Team Member, Junior Dream Team Member, 2015 Grand National Champion