

# 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

## Skills

***Technical:*** Microsoft Office, Python, Solidworks, HTML/CSS/Javascript, MATLAB, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Wordpress, 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***

-Negotiating 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, and Israel.

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

***August 2017 - November 2017***

-Operated the UC Davis C-STEM website utilizing HTML/CSS and Wordpress  
-Utilized Ch (coding language created by Professor Harry Cheng) and RoboBlockly to create drag and drop coding assignments to assist middle school students with math  
-Designed the 2017 C-STEM Conference brochure pamphlet with Adobe Illustrator and Adobe InDesign

### ***Computer Room Consultant***

***April 2017 - June 2017***

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

### ***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 (AMAT)***

***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 (SWE)***

***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

### ***Material Advantage Student Chapter (MASC)***

***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