

EDUCATION

University of Southern California, Viterbi School of Engineering Los Angeles, CA
Bachelor of Science in Biomedical Engineering, Mechanical Emphasis May 2018
Minor in Narrative Structure GPA: 3.71
Honors: Tau Beta Pi, USC Presidential Scholarship, Women in Science and Engineering Research Grant
Relevant Skills: Solidworks, Microsoft CRM, Word, PowerPoint, and Excel, Technical and Creative Writing, Cell Culture, Clean Room Protocol, ImageJ, Laser Engraving, and Florescent microscopy

EXPERIENCE

University of Southern California, Trojan Skeletal Lab Los Angeles, CA
Research Assistant August 2015 – January 2017

- Investigated optimization of skeletal muscle tissue lifespan in vitro: consistently increased healthy tissue lifespan by 50% in comparison to literature standards
- Quantified 200+ images via development of new image-analysis protocols, utilizing ImageJ software
- Published in *Nature's* journal, *Scientific Reports*

The Associated Students of Biomedical Engineering Los Angeles, CA
Internal Affairs Coordinator January 2015 – Present

- Collaborated with executive board to organize 36-hour MAKEATHON (See Projects below)
- Executed annual organization kickoff event, the BIOMED Research Symposium
- Compiled 50+ page progress report for Viterbi administration

University of Southern California, Viterbi School of Engineering Los Angeles, CA
Teacher's Assistant August 2016 – Present

- Selected by Viterbi administrators to serve as a teacher's assistant and mentor for a 30-student orientation based class designed to introduce new students to engineering
- Led initiative of inclusion for all students while planning in and out of class activities

University of Southern California, Marshall School of Business Los Angeles, CA
Student Assistant, Client Coordinator January 2016 – Present

- Corresponded with clients from nearly 100 large corporations via email and phone
- Managed in-office client relations of 10 researchers and executives while consolidating events and contacts in Microsoft CRM

RELEVANT PROJECTS

MAKEATHON: Machine Design Competition Los Angeles, CA
Vice President Spring 2017

- Operated as second in command throughout 36-hour event: troubleshooting machines in the fabrication lab, coordinating food delivery, and fielding questions from 60 competitors of various skill levels
- Negotiated with local vendors on the phone and cut catering costs by \$1000

Hypothetical Comprehensive Report Los Angeles, CA
"Patent Attorney" Fall 2016

- Collaborated in team of six to create comprehensive regulatory report on hypothetical "smart" running insole
- Included FMEA Risk Analysis, Device Classification, Predicate Devices for 510(k), Clinical Testing Strategy, Device Patentability, Patent Infringement and Licensing Strategy, and HAACP Analysis

Spotlight on BME Day Los Angeles, CA
Vice President Fall 2017

- Designed two hands-on "education centers" in concert with the Biomedical Engineering Department's education day for 200 students ages 9-14 from Compton; educated students on prosthetics and catheters