

# Alexis Joo

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## EDUCATION

**University of California, Los Angeles** September 2016-Present  
Bachelor of Science Candidate: Materials Science Engineering  
Technical Breath: Bio-Engineering  
Expected Graduation: June 2020  
Activities: American Society of Mechanical Engineering-Fabrication and Design Essentials (FADE), American Institute of Chemical Engineering, Society of Women Engineers, Materials Research Society, Foundations Choreography

## EMPLOYMENT

**The Boeing Company** – El Segundo, CA June 2015-August 2015  
*Intern*

- Collaborated with engineers to build and design mechanical, electrical, and materials engineering components
- Contributed significantly to the Cube Satellite project by testing the change in a coating versus time
- Awarded Best Overall Poster for a poster session presentation that was voted by Boeing employees

**Cozen Architecture** – Palos Verdes Estates, CA August 2016-September 2016  
*Intern*

- Compiled and organized modern architectural designs for customers to compare and validate the design
- Measured and inspected houses for blueprint flaws that prevented inaccurate remodeling

**Cedars-Sinai Medical Center** – Los Angeles, CA July 2017-September 2017  
*Research Assistant for Biomedical Imaging Research Institute*

- Implemented new database for efficient patient input and trained new users in adapting to the new format
- Prepared and logged in volunteer/patient data from the clinical trials
- Observed clinical trials and researched the different data presented regarding medical imaging

## HONORS AND AWARDS

Edison International Scholarship, Rolling Hills KIWANIS Scholarship (by Torrance Orthopedic), Rotary STEM Scholarship, National Merit Commended Student, CSF Gold Seal bearer Scholarship

## LEADERSHIP

**Research Committee**, Materials Research Society January 2017- June 2017

- Collaborated with peers to host research related events and publicized the events through social media
- Recruited professors and graduate students to hold lab tours for the undergraduate students

**Mentor**, American Society of Mechanical Engineering (FADE project) September 2017- Present

- Ensure mentees understand basic project guidelines and aid project completion so that they adapt to and resolve technical projects in UCLA

**Treasurer**, Korean Scientist and Engineering Association January 2017- Present

- Evaluate and foreshadow financial plans to plan and manage current club funding
- Network with local professors and engineers to encourage more Asian women in the STEM field

**External Fundraising Chair**, UniCamp (Unizone) January 2018- Present

- Organize grant applications and delegate writing to support the child grieve camp over this summer

## SKILLS AND INTERESTS

- Proficient with Word, Excel, PowerPoint, and Outlook
- Know basic Java, C++, and AutoCAD
- Skilled in oboe and piano
- Language: Full working proficiency in Korean
- CPR/ AED certified