




JACLYN YANGYUEN

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Education

UNIVERSITY OF CALIFORNIA, LOS ANGELES

December 2017

B.S., Electrical Engineering

AREAS OF SPECIALIZATION: Speech & image processing, signals & systems, logic design, feedback control, circuit theory.

Experience

ELECTROSONIC, INC. | START APPRENTICE | ROTATIONAL PROGRAM

FEBRUARY – SEPTEMBER 2018

- Immersion in the different disciplines for large-scale AV systems integration, from design and engineering to sales and purchasing to fabrication and installation.
- Utilized CAD and the Microsoft Access database to create system flow diagrams and budget reports.
- Led the design and production of 100+ Skype status indicator lights.

WALT DISNEY IMAGINEERING | INTERN | SOUND ENGINEERING

JUNE – SEPTEMBER 2017

- Utilized Pro Tools for sound design, edit, and recording sessions.
- Assisted with “test-and-adjusts” and in-field audio mix sessions for installations in the Disney California Adventures Park and Disneyland.
- Archived attraction and resort sound track files.

WALT DISNEY IMAGINEERING | INTERN | AUDIO VIDEO ACOUSTICAL ENGINEERING

JUNE – SEPTEMBER 2016

- Conducted reverberation testing at Disneyland and Disney World.
- Assembled audio mock-ups to design the best Guest experience for new attractions.
- Analyzed 3D models to facilitate Navisworks for acoustical study.

IEEE WATT | INTERNAL PRESIDENT & CO-FOUNDER

FEBRUARY 2016 – JUNE 2017

Women Advancing Technology Through Teamwork, UCLA's women in electrical engineering group

- Led the effort to welcome engineers of all backgrounds into a community of diverse minds.
- Designed and hosted interactive events such as the Imposter Syndrome workshop, beginner wearable technology workshops, alumni networking night, and mentorship socials.

CLARK CONSTRUCTION | INTERN | UCLA ENGINEERING VI PROJECT

JUNE 2015 – March 2016

- Reviewed architectural plans and developed quantity takeoffs for finishes and amenities.
- Digitally posted and slip-sheeted plans with the appropriate Requests for Information.
- Attended weekly BIM clash-coordination meetings with MEP subcontractors.
- Produced a music video that demonstrates Lean engineering practices; featured on ClarkNet.

UCLA RESIDENTIAL LIFE | PROGRAM SUPPORT TECHNICIAN

SEPTEMBER 2014 – SEPTEMBER 2015

- Set-up and operation of lighting and sound boards, projectors, and other audio-video equipment.
- Coordinated with programmers and managed a diverse team of artists and technicians.
- Utilized active problem-solving skills to troubleshoot technical difficulties during live events.

Skills and Technical Background

- Electronic tools (oscilloscope, soldering)
- CTS and Q-sys Designer Level 1 Certified
- C++, Python, LabVIEW, MATLAB, Logisim
- ProTools recording software
- Sound and light board control
- AUTOCAD, Revit, Navisworks, Bluebeam Revu

Extracurricular Activities

- YOUTHphonics community service a cappella (2013 – 2017)
- President of PAQ (2013 – 2017)

Projects

- “Voice Modifier” Senior Design Project (2017)
- “World of Color Mini” Project (2014)