

ANN TRUONG

Cell: 408-500-2274 | Email: athuantruong@gmail.com | San Diego, CA | [linkedin.com/in/truong-ann/](https://www.linkedin.com/in/truong-ann/)

EDUCATION

University of California, San Diego

Anticipated graduation: June 2024

Bachelor of Science in Electrical Engineering, Minor in Physics | **GPA: 3.4**

IDEA Scholar - Selected as 1 of 40 out of 400 applicants

SKILLS

- Altium
- LTSpice/PSpice
- MATLAB
- Python
- Java
- C
- Leadership
- Collaborative Problem Solving

EXPERIENCES

Colossus Electronics Lead | La Jolla, CA

Feb 2022 - Present

SEDS UCSD

- Providing safe and reliable testing for collegiate level bipropellant rocket engines
- Recovered and replaced electrical components in blast plate interface after fire
- Tested and installed several types of sensors on and around the system (TCs, PTs, load cells)
- Operating software during engine test preparation (acted as interface between controls/DAQ and pad technicians)

Colossus Electrical Engineer | La Jolla, CA

Sep 2021 - Feb 2022

SEDS UCSD

Undergraduate Research Assistant | Raleigh, NC

May 2021 - Jul 2021

FREEDM Systems Center

- Designed an isolated DC-DC converter utilizing PCB-based planar transformers using Altium
- Ran simulations using PLECS to confirm that DC-DC converter provided multiple isolated outputs at a stable voltage

Summer Engineering Institute Peer Facilitator | La Jolla, CA

Jul 2021 - Sept 2021

IDEA Engineering Student Center

- Aided in community development with a focus on creating a virtual environment conducive to the academic, intellectual, multicultural, and social development of SEI participants
- Developed virtual programs that establish respectful and trusting relationships among students

SEDSxFEM Co-Lead | La Jolla, CA

May 2021 - Jul 2022

SEDS UCSD

- Co-lead a program centered around personalized mentorship and design challenges for first-year female engineers of diverse backgrounds
- Organized and lead workshops on professional and technical skills relevant to SEDS projects

EDGE Committee Member | La Jolla, CA

Nov 2020 - Jun 2022

SWE UCSD

- Moderate online community (Discord server) for 200+ participants
- Create slide decks and plan virtual activities to teach 150+ mentees technical or professional skills

RELEVANT COURSEWORK

- Circuit Analysis
- Signals and Systems
- Digital Design
- Linear Systems
- Computer Architecture