

# Zoom Chow

[zchow@ucsd.edu](mailto:zchow@ucsd.edu) | (626) 592-1334

<https://www.linkedin.com/in/zoomchow/>

<https://zoomchow.github.io/>

## **EDUCATION & AWARDS**

**University of California, San Diego** – La Jolla, CA – *Bachelor of Science– Electrical Engineering*    **Sept 2020—Jun 2024**  
**Awards** – *Provost Honors*

## **RELEVANT COURSEWORK**

*Digital Design – Computer Engineering – Analog Design – OOP: Design and Development with C++ – Engineering Computation – Circuit Prototyping*

## **TECHNICAL SKILLS**

*Autodesk EAGLE – OrCAD Capture – Fusion 360 – Onshape – MATLAB – Circuit Analysis – HTML – CSS – JavaScript – C – C++ – VHDL – Assembly – Python – Arduino C – Inkscape*

## **LEADERSHIP EXPERIENCE**

**Society of Asian Scientists and Engineers – Logistics Intern**    **Oct 2020—Present**

- Assist in handling, managing, and organizing 50% organization's finances via fundraising, funding, and reimbursements
- Assist in reaching out to sponsors to fund our organizations expenses
- Plan logistics of 100% of organizations events with a significant increase in general member attendance from prior year

**National Honor Society – Secretary**

**Aug 2017—Jun 2020**

- Directed 30% of tutoring sessions in addition to tutoring students in various subjects
- Prepared, set up, and co-led school's annual Red Cross blood drive with roughly 60% increase in donations from prior year
- Recorded 100% of meeting minutes

## **WORK/VOLUNTEER EXPERIENCE**

**FIRST Robotics – Robotics Design Judge**

**Nov 2021**

- Contributed to 33% of interview of the robotics team to accordingly award points
- Elaborated and discussed each teams qualifications and merits to determine rankings
- Analyzed 20% of the competitions robotic teams based on design values and provided critical feedback

**Interact – Float Decorator**

**Dec 2018**

- Cooperated with a team of 4 others amongst the rest of the volunteers to efficiently and effectively decorate a float
- Incorporated intense focus and determination to accurately complete the job for an extended period

## **PROJECTS**

**Security System**

**Oct 2020—Dec 2020**

- Devised a simple project that can be presented to future students to learn the basics and interconnectedness of varying hardware and software components
- Collaborated with my project team to develop a security system using MATLAB, MATLAB's camera feature, Arduino, and some hardware components (e.g. buzzers and LEDs)
- Directed and wrote 50% of the documentation as well as 30% of the video demonstration