

Dandy Vo

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EDUCATION:

California Polytechnic State University – San Luis Obispo

GPA: 3.73

Anticipated Date of Graduation: June 2022

Major: Computer Engineering

Key Coursework:

Data Structures

Technical Writing for Engineers

Fundamentals of Computer Science

Digital Design

Basic Electronics Manufacturing

Object-Oriented Programming

PROJECT EXPERIENCE:

Mobile Population-Counting Device – Cal Poly, SLO

Dec. 2018

- Designed battery-powered device that keeps track of a room's population
- Implemented creative box design that opens/closes and houses: Arduino board, rechargeable power source, power rail, LCD display, and two ultrasonic sensors
- Developed software by Arduino IDE in C++
- Collaborated in a team environment, used problem-solving and teamwork skills

EDM LED Prism Box – Cal Poly, SLO

Dec. 2018

- Created device with nine LED lights that flicker according to music
- Applied knowledge/skill in: soldering, metal manipulation, PCB design and fabrication, wiring and crimping, and hardware fundamentals
- Performed extensive troubleshooting and testing on software and hardware

Robotic Car – Cal Poly, SLO

Dec. 2018

- Developed small vehicle that drove in all directions and followed the path of electrical tape
 - Tested and developed in team environment
 - Developed software by Arduino IDE in C++
 - Utilized two motors to drive wheels and powered by a rechargeable power source
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ORGANIZATION AND WORK EXPERIENCE:

Design and Technology Academy, Elk Grove, CA - Treasurer

Aug. 2014 – May 2018

- Supplemented organization's money and collaborated with board to raise funds
- Developed coding, teamwork, and problem-solving skills via specialized classes

Computer Engineering Society, San Luis Obispo, CA - Member

Sep. 2018 – Present

- Collaborating in team environment to complete hardware/software projects

Assistant Manager, Nail Palazzo, Roseville, CA

July 2018 – Dec. 2018

- Organized appointments, received clients, assigned technicians to clients, and provided customer service
 - Adopted managerial responsibilities during times of manager's absence
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SKILLS:

Programming Languages

- Proficient in: **C++, HTML, CSS**
- Novice in: **Python**

Software

- Proficient in: **Arduino, Eagle, Microsoft Office**