**Dandy Vo**

1030 Canyon Circle Dr, San Luis Obispo, CA. 93410 | (916) 753–4262 | dvo12@calpoly.edu

**EDUCATION:**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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

**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

**SKILLS:**

**Programming Languages**

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

**Software**

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