MONICA ANDRES
COMPUTER SCIENCE

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EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
B.S. Computer Science, **June 2021** (Expected)
Minor in Computing for Interactive Arts

Overall GPA
3.68
Class Standing
Junior

Relevant Coursework:

Data Structures	Discrete Structures
Object-Oriented Programming	Multi-variable Calculus
Systems Programming	Technical Writing for Engineers

SKILLS

Programming Languages:
C
Java
Python
HTML/CSS (Bootstrap)

Computer:
Linux Environment
Adobe Illustrator
Adobe Photoshop
Macintosh OS X

Languages:
Tagalog [Fluent]
Spanish [Rudimentary]

POSITIONS

Director of Events & Experience — Camp PolyHacks— Cal Poly SLO
Spring 2019 — Present
- Camp PolyHacks is an annual student-run multidisciplinary hackathon
- Director of sub-team that plans and executes the 24-hour hackathon from start to finish

Design Team Lead — Asian American Christian Fellowship— Cal Poly SLO
August 2019 — Present
- Directs team that is in charge of making social media spreads, outreach flyers, event apparel
- Utilizes Adobe Creative Cloud software to produce graphics

PROJECTS

Website— Asian American Christian Fellowship — Cal Poly SLO
Summer 2019
- Worked with other members to rebuild club's website
- Used HTML/CSS/Java-script with Bootstrap framework

Word Frequency — Systems Programming — Cal Poly SLO
Spring 2019
- Implemented a hash table in C to store words
- Displayed the N most frequent words in its input

LZW Compression — Systems Programming — Cal Poly SLO
Spring 2019
- Parsed input file to identify the byte-sequence to build a dictionary of sequence-code pairs
- Wrote codes using C to output file as variable-length bit packets

INVOLVEMENT

Women Involved in Software & Hardware — Cal Poly SLO
Fall 2017 — Present
Club dedicated to establishing a community for minorities in tech

Computer Engineering Society — Cal Poly SLO
Fall 2017 — Present
Project-based social club for tech majors that work on year-long projects