10NICA ANDRES

COMPUTER SCIENCE

CONTACT

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LINKS

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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

Relevant Coursework: Overall GPA

Data Structures 3.68 Object-Oriented Programming Class Standing

Systems Programming **Junior**

Discrete Structures Multi-variable Calculus

Technical Writing for Engineers

SKILLS

Programming Languages:

Computer: Linux Environment Adobe Illustrator Java Python Adobe Photoshop HTML/CSS (Bootstrap) 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