

# MONICA ANDRES

## COMPUTER SCIENCE

<b>CONTACT</b>	Monicaships@gmail.com [858]-444-0432	<b>LINKS</b> mols2ma.github.io Linkedin.com/in/msandres						
EDUCATION	<p>CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO B.S. Computer Science, <b>June 2021</b> (Expected) Minor in Computing for Interactive Arts</p> <table><tr><td>Overall GPA <b>3.68</b></td><td><b>Relevant Coursework:</b></td><td></td></tr><tr><td>Class Standing <b>Junior</b></td><td>Data Structures Object-Oriented Programming Systems Programming</td><td>Discrete Structures Multi-variable Calculus Technical Writing for Engineers</td></tr></table>		Overall GPA <b>3.68</b>	<b>Relevant Coursework:</b>		Class Standing <b>Junior</b>	Data Structures Object-Oriented Programming Systems Programming	Discrete Structures Multi-variable Calculus Technical Writing for Engineers
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POSITIONS	<p><b>Director of Events &amp; Experience</b> — Camp PolyHacks— Cal Poly SLO Spring 2019 — Present</p> <ul style="list-style-type: none"><li>• Camp PolyHacks is an annual student-run multidisciplinary hackathon</li><li>• Director of sub-team that plans and executes the 24-hour hackathon from start to finish</li></ul> <p><b>Design Team Lead</b> — Asian American Christian Fellowship— Cal Poly SLO August 2019 — Present</p> <ul style="list-style-type: none"><li>• Directs team that is in charge of making social media spreads, outreach flyers, event apparel</li><li>• Utilizes Adobe Creative Cloud software to produce graphics</li></ul>							
PROJECTS	<p><b>Website</b>— Asian American Christian Fellowship — Cal Poly SLO Summer 2019</p> <ul style="list-style-type: none"><li>• Worked with other members to rebuild club's website</li><li>• Used HTML/CSS/Java-script with Bootstrap framework</li></ul> <p><b>Word Frequency</b> — Systems Programming — Cal Poly SLO Spring 2019</p> <ul style="list-style-type: none"><li>• Implemented a hash table in C to store words</li><li>• Displayed the N most frequent words in its input</li></ul> <p><b>LZW Compression</b> — Systems Programming — Cal Poly SLO Spring 2019</p> <ul style="list-style-type: none"><li>• Parsed input file to identify the byte-sequence to build a dictionary of sequence-code pairs</li><li>• Wrote codes using C to output file as variable-length bit packets</li></ul>							
INVOLVEMENT	<p><b>Women Involved in Software &amp; Hardware</b> — Cal Poly SLO Fall 2017 — Present Club dedicated to establishing a community for minorities in tech</p> <p><b>Computer Engineering Society</b> — Cal Poly SLO Fall 2017 — Present Project-based social club for tech majors that work on year-long projects</p>							