

# KATRINA ROZAL APIADO

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## EDUCATION

<b>California Polytechnic State University, San Luis Obispo</b>	Class Standing: Graduate
Bachelor of Science in <b>Industrial Engineering</b>	Undergraduate GPA: 3.64
Master of Science in <b>Engineering Management</b>	Graduate GPA: 3.84
Expected Graduation: <b>June 2024</b> (Blended Master's program/4+1)	
Minors: <b>Music &amp; Psychology</b>	

## RELEVANT EXPERIENCE

**Teaching Associate** (Intro to Enterprise Analytics, Data Management & System Design) Sep 2023 – Present  
*Cal Poly Industrial and Manufacturing Engineering Department* *San Luis Obispo, CA*

- Leading a class of 25 undergraduates through SQL and Python programming labs 3-6 hours per week

**Compensation Operations Analyst Intern** Jun 2023 – Sep 2023  
*Adobe Inc.* *San Jose, CA*

- Created and maintained process documents to support the Sales Compensation PMO & COE team
- Standardized 9 common processes related to timeliness and accuracy of sales reps' payments
- Developed a Power BI dashboard to analyze global sales comp survey results from 1,800 respondents

**Fleet Planning Intern** Sep 2022 – Dec 2022  
*Allegiant Air* *Las Vegas, NV*

- Compiled a list of torn down aircraft material from various sources, to monetize through vendor
- Estimated \$13mm+ in serviceable material by CLP and EIPC, to be used for current Airbus fleet
- Automated utilization reports and spec sheets to reduce manual work by 60% using Excel VBA

**Manufacturing Engineering Intern** Jun 2022 – Aug 2022  
*Thermo Fisher Scientific* *Santa Clara, CA*

- Implemented a Kanban system for power plugs and cords to reduce time spent on ECOs by 80%
- Analyzed 100+ ECOs related to Q2 shipped projects to find 16% drawing inaccuracy
- Designed a process flowchart for the refurb program of TruTorr and TruFluor sensors using Visio

**Supply Chain Process Engineering Intern** Jun 2021 – Aug 2021  
*Walmart Inc.* *Los Lunas, NM*

- Assessed 200+ weekly clock-ins and usage of 100+ equipment for ideal shift start times in Excel
- Increased team productivity by 20% by conducting time studies and failure mode observations
- Established an alternate shift schedule to reduce shift overlap by 90%

## LEADERSHIP AND INVOLVEMENT

<b>Event Operations Coordinator</b> , <i>Institute of Industrial and Systems Engineers</i>	Jun 2022 – Jun 2023
<b>Vice President</b> , <i>Institute of Industrial and Systems Engineers</i>	Jun 2021 – Jun 2022
Soprano II, <i>PolyPhonics – Advanced Music Ensemble (Cal Poly Choirs)</i>	Sep 2019 – Sep 2022

## HONORS AND AWARDS

<b>Outstanding Woman in Engineering Nominee</b> , <i>Cal Poly Women's Engineering Program</i>	Nov 2023
Accenture Outstanding Junior Industrial Engineering Scholarship Endowment	May 2021
Dean's Honor List – 8 Quarters   President's Honor List 2021-2022	

## TECHNICAL SKILLS

**Software:** Agile PLM, AnyLogic, JMP, Jupyter, Minitab, MS Office/Excel/Access/Visio, Power BI, Tableau  
**Programming:** Python (Folium, Matplotlib, NumPy, Pandas, Scikit-Learn), R, SQL (MySQL), VBA  
**Languages:** English, Tagalog (Filipino)