

TYLER CHATTARIYANGKUL

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EDUCATION

California Polytechnic State University, San Luis Obispo, CA September 2023 - Present
Bachelor of Science in Mechanical Engineering, Manufacturing Concentration

Relevant Courses: Engineering Statics/Dynamics, Mechanics of Materials, Mechanical Engineering Philosophy of Design

INTERNSHIP EXPERIENCE

Robotic Services Department Intern June - August 2022
Epson America Inc, Carson, CA

- Performed quality control inspections on SCARA robots, including testing newly released models
- Developed and tested basic robot code to assist with quality assurance and functionality verification
- Attended meetings with senior engineers across the nation and in Japan to discuss issues
- Updated and maintained pricing data for the Sales Operations and Service department
- Conducted maintenance checks and assisted customers with troubleshooting robotic issues

Mechanical/Civil Engineer Intern July - August 2021
Skanska, Los Angeles, CA

- Assisted engineers in safety inspections, project production planning, and quality assurance at the Regional Connector Project
- Performed progress checks on infrastructure elements, ensuring compliance with construction standards
- Completed safety and emergency training, earning certifications in worker safety, medical response, and equipment operation

WORK EXPERIENCE

Manufacturing Technician January 2025 - Present
PetDoors, San Luis Obispo, CA

- Assemble various pet door models with precision, ensuring structural integrity and compliance with company quality standards
- Utilize hand tools such as drill drivers, mallets, and screwdrivers while adhering to safety protocols
- Collaborate with team members to optimize production workflows, achieving and exceeding set quotas
- Conduct quality control inspections, identifying and resolving defects to enhance product reliability
- Package final products efficiently, minimizing waste and maximizing packing accuracy

Back of House December 2023 - November 2024
Chick-fil-A, San Luis Obispo, CA

- Ensured efficient food preparation and service while adhering to Chick-fil-A's quality standards
- Trained and mentored new employees on procedures and company policies, improving team performance
- Managed inventory and stock to prevent shortages and maintain smooth operations

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

First Tech Challenge Robotics Team Captain August - February 2023

- Led a competitive robotics team to regional qualifications, managing design and strategy
- Competed in regionals for four consecutive years, developing expertise in teamwork and problem-solving

Varsity Boys Volleyball Team Captain August - May 2023

- Played varsity volleyball for three years, earning MVP in senior year
- Led the team through practice, game strategies, and teamwork development

SKILLS

- Solidworks
- Excel
- Powerpoint