

JULIA HERNANDEZ

jherna03@calpoly.edu • 209.234.1234 • linkedin.com/in/jherna03

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science in **Manufacturing Engineering**, March 20xx

GPA: 3.2 Class Level: Junior

Financing 60% of college expenses – work 12 to 15 hours per week

San Joaquin Delta Community College, Stockton, CA

Associate of Science in **Engineering**, May 20xx

GPA 3.32 – Graduated with Honors

MANUFACTURING ENGINEERING PROJECTS

Process Improvement Team Project

- Partnered with Coast BMW dealership to analyze their customer check-in process
- Utilized tools like a Pareto chart, process flow diagram, and A3 report
- Developed a project proposal, written report, and final presentation
- Gained valuable teamwork, project management, and public speaking skills

Quality Control System Design

- Proposed new quality control system for Mariani Prune Company
- Generated production layout, acceptance sampling procedure, and quality metrics for prune pitting device

Manufacturing Process Design Project

- Designed and modeled bicycle bell using ProE, and designed respective injection mold
- Created CNC code and machined injection mold, and manufactured multiple prototypes

Material Handling Lead - EcoCar Facility Redesign Project

- Developed and presented new facility layout for local automotive manufacturing company
- Overhauled and organized flow of materials through restricted space

Work Design & Measurement Team Project: Achievement House Inc. Optimization

- Developed a layout that would draw customers to the retail services of a thrift store and nursery. The layout needed to be done at a minimum cost and disruption and provide optimal retail flow

SKILLS

Computer Skills: Pro/Engineer, Pro/Manufacturing, Microsoft Word/Excel/PowerPoint

Equipment: Mills, lathes CNC, rapid prototyping, basic welding & casting

Language Skills: Fluent in Spanish

LEADERSHIP AND INVOLVEMENT

Society of Women Engineers

Society of Hispanic Professional Engineers

Open House Committee – Industrial & Manufacturing Department

Interests: Sailing, swimming, and mountain biking

WORK EXPERIENCE

ASI Craft Center – Cal Poly (10-12 hours per week) Jan. 20xx - Present

- Design and implement organizational systems and strategies to promote efficiency and communication within the organization
- Manage inventory, ordering, stocking, point of sale, and appearance of the center
- Facilitate communication between customers, student employees, and full-time staff