**JULIA HERNANDEZ**

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**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