

Will Hemsley

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I am a Junior mechanical engineering student with a strong foundation in engineering principles, seeking to gain hands-on experience. I am highly motivated to apply classroom knowledge in a practical setting, contribute to innovative projects, and further develop technical expertise in mechanical engineering.

Education

California Polytechnic State University- San Luis Obispo (Cal Poly) (Expected Graduation, June 2027)

Bachelor of Science in **Mechanical Engineering**, Concentration: **Manufacturing**

Overall GPA: 3.59

Class Level: Junior

Relevant Coursework: Measurement and Data Analysis, Solid Modeling, Engineering Statics, Engineering Dynamics, Thermodynamics I and II, Fluid Mechanics, Mechanics of Materials

Nebrija University, Madrid Spain, Fall 2025. Completing one term abroad

Skills

- **Critical Thinking**
- **Project Management**
- **Communication**
- **Leadership**
- **Attention to Detail**
- **Time Management**

Computer: MATLAB, SolidWorks, Microsoft Excel/Word/PowerPoint, Engineering Equation Solver

Equipment: Mill, Lathe, CNC, Tig welding, drill press, band saw.

Projects

Light Up Sketch Pad Team Design Project, ME-234, Winter 2025

- Designed and prototyped an interactive sketch pad with integrated LED lighting system to enhance visibility and user experience.
- Completed multiple design iterations in SolidWorks, refining enclosure geometry based on prototyping and testing.
- Fabricated 3D printed prototypes and final product within a tight deadline.
- Developed teamwork and interpersonal skills in a project setting.

Involvement

Northrop Grumman Collaboration Project- Member

- Assisting in the design, and manufacturing of a small aircraft designed to bring food and supplies to and rescue someone stranded in a forest.

The Delta Chi Fraternity INC.

- Community Service Chair: Organized and provided meaningful community service opportunities for chapter members, effectively facilitated participation and tracked service hours. Compiled and reported service contributions to campus leadership each term. Enhanced chapter engagement community impact.

Work History

Task Rabbit Freelancing: (July 2024-Current)

- Moving, Yardwork, Furniture Construction, Heavy Lifting and Loading.
- Completed a variety of jobs often over multiple days. Worked with teams on many projects to complete a range of desired jobs for clients.

Bellagio's Pizza Insider and Driver: (June 2020-Current)

- Maintained high standards of food preparation and ensured customer satisfaction by efficiently handling customer interactions and resolving issues daily. Responsibilities included managing orders, coordinating timely deliveries, and providing exceptional service. Developed strong interpersonal and time-management skills in a fast-paced environment.

Community Service

Young Men's Service League: (2020-2023)

- Participated in 100+ hours of community service including feeding the homeless, cleaning up parks, bagging clothing items, and more
- Engaged in key roles, including Leadership chair and giving presentations about important life skills to other organization members.

National Honor Society: (2021-2023)

- Participated in 30+ hours of community service between junior and senior years of high school.
- Maintained exemplary academic standing while attending monthly meetings.