

Jake Hemsley

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EDUCATION

California Polytechnic State University Major: Mechanical Engineering 3.56 GPA Dean's List Spring Quarter 2024, Spring Quarter 2025	Sep 2023 – Present San Luis Obispo, CA
University Rey Juan Carlos Semester Abroad For Fall 2025	Sep 2025 – Dec 2025 Madrid, Spain

RELEVANT COURSEWORK

Completed

- Linear Analysis I, Linear Analysis II, Engineering Statics, Engineering Dynamics, Mechanics of Materials I & II, Measurement and Data Analysis, Thermodynamics I & II, Fluid Mechanics I

To Be Completed (Prior to Summer 2026)

- Mechanical Vibrations, Fluid Mechanics II, Heat Transfer

COMPUTER SKILLS

- MATLAB, SolidWorks, Microsoft Word/Excel/PowerPoint, Engineering Equation Solver

INVOLVEMENT

Northrop Grumman Collaboration Project - Member

- Assisting with the design and manufacturing of a small aircraft with the goal of delivering a care package to a person stranded in the forest, and then rescuing them

EXPERIENCE

Bellagios Pizza Insider/Driver	Jun 2020 – Sep 2025 West Linn, OR
<ul style="list-style-type: none">Responsible for facilitating everything happening within the storeMaintaining the highest quality of customer service, able to multitask and prioritize duties while maintaining a friendly, professional demeanor.Additional role of training newer team members as an employee with long tenure	
West Linn Flag Football General Information and Services, Referee	Sep 2020 – Nov 2022 West Linn, OR
<ul style="list-style-type: none">Set up fields and assisted any needs of parents, players, and coachesFacilitated games in a fair manner, emphasizing player safety and enjoyment	
Taskrabbt Tasker	Jun 2024 – Sep 2025 Portland, OR
<ul style="list-style-type: none">Completed a variety of tasks including yard work, assistance with moving, heavy lifting, etc within the greater Portland area	
VOLUNTEER/LEADERSHIP EXPERIENCE	
Young Men's Service League Philanthropy Chairman, Leadership, Life Skills Committee	May 2019 – May 2023 West Linn, OR
<ul style="list-style-type: none">Informing other members of different philanthropy opportunities, presenting about leadership and important life skills for young adults at meetings20 hours of service per year requirement along with monthly meetings	
National Honor Society Two year member	Sep 2021 – Jun 2023 West Linn, OR
<ul style="list-style-type: none">20 hours of philanthropy per yearMonthly meeting highlighting possible philanthropies to attend, and a service project every semester	
Tualatin School House Pantry Volunteer	Jun 2021 – Aug 2023 Tualatin, OR
<ul style="list-style-type: none">Completed a multitude of tasks including stocking shelves, organizing produce, and cleaningAssisted shoppers with finding what they needed based on the size of their family	
Willamette Christian Church Youth Leader	Jun 2019 – Mar 2020 West Linn, OR
<ul style="list-style-type: none">Assisted pastor in leadership during service for elementary school kidsHelped lead kids in the right direction in their faith	

