

Leslie Garcia

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Technical Skills

Software—SOLIDWORKS, MATLAB, Tracker, LabVIEW, Excel, AutoCAD, Revit, Trace

General Skills

Communication—Excellent written and oral communication skills; cross-team collaboration

Teamwork— Interdisciplinary collaboration, communicative, project scheduling, Problem-Solver

Education

Bachelor of Science, Mechanical Engineering

June 2025

Seattle Pacific University, Seattle, WA

Awards: Faith for the Future Merit Scholarship (2020-2025), Erickson Conference 2025

Relevant Coursework: Circuits I, Dynamics, Thermal Sciences, Experimental Methods, Mechanical Design, Project Management, Senior Design, Intro Robotics, Social Venture Competition 2025

Employment History

Mechanical Intern

Wood Harbinger, Bellevue, WA

June 2024 – September 2024

- Perform calculations and drawing reviews to ensure accuracy to design requirements
- Prepare basic AutoCAD and Revit drawing preparation of mechanical designs
- Coordination with other engineers and design team members on project deliverables
- Consistently attend meeting assigned and achieve mutually agreed upon goals

Cleaning Services

All Seasons Enterprise LLC, Everett, WA

October 2018 - Present

- Maintain a safe, and hygienic environment for clients through regular cleanings, disinfecting, and facility upkeep
- Demonstrate reliability through communication and supporting additional needs of client

Projects

Thermal Design Exploration | Mechanical Engineering Student

Seattle Pacific University, Seattle, WA

March 2024 – June 2024

- Create a mathematical model for a DIY air-conditioner confirm with hand calculations
- Create a MATLAB script that implements the model to predict system behavior
- Analyze the effect of various design variables and identify optimal design configurations for efficiency of cooling and power.

CoastClear | Senior Mechanical Engineering Student

Seattle Pacific University, Seattle, WA

September 2024 – June 2025

- Lead the mechanical design and fabrication of the body, sifter, and electronic housing of a beach cleaning machine using SOLIDWORKS and machining tools.
- Conduct Prototype testing, project scheduling, and system integration under strict deadlines
- Collaborated with mechanical, electrical and computer engineers to optimize integration and ensure a functional product.

Interests

Violin playing | Baking royal icing sugar cookies | Volunteer in youth ministry events at local church