

Mechanical Sample [CLICK HERE FOR THIS FORMAT](#)

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PROFILE

Developing Mechanical Engineer with passion for problem solving and determination to overcome any challenge. Dedicated to producing the highest quality work with an emphasis on delivering early on timelines for project completion. Adept self-learner with the ability to adapt and thrive in any environment.

EDUCATION

Bachelor of Science, Major: Mechanical Engineering

May 20XX

University of Portland, Portland, OR

GPA: 3.65

- Honors: Dean's List, Blue Key Honor Society, Alpha Lambda Delta
- Leadership Certificate Recipient, Franz Center for Leadership

August 20XX

SKILLS

Software: MATLAB, SOLIDWORKS, LabVIEW, PLC, Arduino, EES, Excel, PowerPoint, Word, Microsoft Apps

Engineering: Thermodynamics, Heat and Mass Transfer, Fluid Dynamics, Research Methods, Numerical Methods, Numerical Analysis, Coding, CAD, Sketching, Design, Innovation, Entrepreneurship, Leadership

RELATED EXPERIENCE

Installation Coordinator, Eagle Garage Doors, Inc., Vancouver WA

Seasonally March 20XX-August 20XX

- Automated invoicing procedure, increasing efficacy of billing infrastructure reducing payment time by 83%, with 90% of invoices now paid within 30 days compared to the previous average of 6 months
- Streamlined inventory management by liquidating excess stock and transitioning to a just-in-time system, supported by an online inventory platform, reducing company expenses and increasing customer savings
- Crafted bids for two apartment complexes that earned the company \$35,000 in three weeks (about 60% of the total profit for the previous year)

Undergraduate Researcher, Shiley School of Engineering, University of Portland

Summer 20XX

- Utilized Modal Tracking to diagnose real-time failure in cantilever beams
- Used LabVIEW and accelerometers to record raw beam movement data
- Created and utilized a MATLAB program to analyze the data and diagnose the failure of the beam

ACADEMIC EXPERIENCE

Ergo-Grabber Capstone Design Team, Shiley School of Engineering

August 20XX-May 20XX

- Established budget, managed purchasing and ensured that project was on track and on budget
- Spearheaded implementation of SCRUM as a method to design a physical product within the team
- Designed an ergonomic and inexpensive grabber that reduced strain in wrist and forearm
- Calculated the strain induced on the wrist for several designs and produced all of teams engineering calculations
- Compiled results into formal report and presented to faculty and peers at University of Portland Founder's Day

Undergraduate Research, EGR431: Engineering Research Methods

August-December 20XX

- Conducted and produced a literature review of Robotic Exoskeletons with a focus on lower extremity exosuits

Reverse Engineering Project, ME222: Engineering Graphics

January-May 20XX

- SolidWorks: Modeled and assembled twenty-five component object in CAD and produced technical drawings

ADDITIONAL EXPERIENCE

Engineering, Math, and Physics Tutor, University of Portland

January 20XX-December 20XX

Peer-Physics Tutor, Shephard Academic Resource Center, University of Portland

August 20XX-December 20XX