

Vincent Davis | 541-656-7595 | [davisvin@oregonstate.edu](mailto:davisvin@oregonstate.edu) | [vince.designs@outlook.com](mailto:vince.designs@outlook.com)

## Professional Summary

Senior Honors Mechanical Engineering student with two 6-month MECOP internships and extensive hands-on experience in material processing, laboratory operations, and technical project management. Proven ability to design solutions, optimize processes, perform maintenance, and meet deadlines in fast-paced technical environments. Transitioning from entrepreneurial and laboratory leadership roles into mechanical engineering with a focus on materials design and manufacturing.

**Education B.S. in Mechanical Engineering** — *Materials Design and Manufacturing Specialization*  
Oregon State University, College of Engineering & Honors College, Corvallis, OR *Senior Standing* —  
*Expected Graduation: June 2027*

- Honors College Member (invited Spring 2022)

**A.S. & A.A. Transfer** Lane Community College, Eugene, OR Completed 2022

- President's List (3 consecutive terms, 2021)
- Member in Good Standing with Phi Theta Kappa Honor Society (Sigma Zeta Chapter)

## Professional Experience

### **Facilities Engineer - MECOP**

Precision Castparts Corporation (SSBO), Portland, OR June 2025 - December 2025

- Contributed to 19+ projects involving part design, equipment installation, facility layout, and capital justification.
- Designed and secured approval for a \$46,000 structural sandblasting enclosure (CAR approved and scheduled for construction).
- Designed and fabricated a custom safety prop rod for industrial wax dip tanks; implemented across multiple tanks.
- Retrofitted inspection spaces and redesigned department layouts with structural crane modifications.
- Restored drawings for complex mechanical assembly by utilizing 3D scanner & SolidWorks.

### **Industrial Engineer - MECOP**

Intel Corporation, Aloha, OR June 2024 - December 2024

- Developed Excel forecasting models and planning tools for Supply Demand Aggregates.
- Created calculator tool for secondary tool requirements, improving module planning accuracy.
- Created weekly “Build & Burn” report to capture and communicate WIP projections and presented to upper management.
- Covered weekly tool count & utilization reports for engineer on bonding leave.

### **Processing License Administrator & Laboratory Technician**

Wild West Growers Inc., Eugene, OR November 2015 - January 2019

- Designed METRC compliance SOPs and maintenance protocols; maintained 100% compliance with zero fines.
- Performed in-house rebuilds of Haskel pumps and Apeks CO2 extractors, saving \$20,000+ annually.
- Developed pesticide remediation process that recovered \$26,000 in contaminated product.
- Trained and supervised team of four technicians responsible for \$1M+ in extraction equipment.

### **Chief Executive Officer & Founder**

Pirate Pretzels LLC, Eugene, OR January 2016 - December 2018

- Founded and scaled edibles company from concept to production, increasing sales 5x.
- Developed manufacturing SOPs resulting in 100% successful batch testing record.
- Reduced costs by \$5,000+ annually through strategic sourcing and process improvements.

### **eBay Store Owner**

Black Cat Emporium June 2008 - Present

- Manage independent e-commerce operation, maintaining skills in inventory, sales, and customer relations.

## **Technical Skills**

- SolidWorks (3D modeling, drawings, assemblies)
- Advanced Excel (forecasting models, custom calculators)
- Supercritical CO<sub>2</sub> extraction & laboratory equipment maintenance
- SOP development, technical writing, process optimization
- Project management, team leadership & training, ITAR compliance

## **Honors & Activities**

- Honors College, Oregon State University (2022–present)
- MECOP Program Participant (two full internships)
- Lane Scholarship Ambassador & President's List
- Phi Theta Kappa Honor Society