

Samuel J. Stumbo

Efficiency and innovation are the forces that guide my decisions. From construction to retail management to engineering school, I have been motivated by the desire to make things better.

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EDUCATION

Oregon State University, Corvallis, OR — B.S. in Mechanical Engineering; Minor: Aerospace Engineering

September 2014 - Current

Working toward a degree in Mechanical Engineering with an expected graduation of June 2018

Current Overall GPA: 3.09

RELEVANT COURSEWORK

Solidworks	Matlab
Mechanical Comp. Design	Mechanics of Materials
Thermodynamics	Intermediate Dynamics
Numerical Methods	Intro to Manufacturing Processes

Rogue Community College, — Pre-Mechanical Engineering

September 2013 - June 2014

Completed lower division math courses in preparation for Oregon State

EXPERIENCE

Oregon State University, Corvallis, OR — MIME Student Technical Assistant

August 2016 - Present

Designed and manufactured RFID Scanner

Assisted MIME lab instructor with various lab tasks including machining and building infrastructure for labs

Designed and built composites processing area in Graf Hall

Bigelow Construction, Sheridan, OR — Carpenter

June 2015 - September 2015

Framed mezzanine level addition to gym weight-room, as well as various other carpentry tasks

ENGINEERING SKILLS

CREO, Solidworks, Matlab, Microsoft Office, Arduino IDE, Manual Milling Machine, Metal Lathe, Certified bicycle and ski technician, strong trades background

CLUBS

AIAA ESRA

Aerodynamics and Recovery Subteam Lead

Assisted 16-17 Team with Charge cap manufacturing

ADDITIONAL EXPERIENCE

Recreational Equipment, Inc.

Retail Manager 2012 - 2014

Sales 2006 - 2012

Sunriver Tile and Marble

Tile Setter 2004 - 2007

Pacific Lumber and Truss

Truss builder 2003 - 2004

B & R Framers

Framer 2003

