

WILLIAM HOOD-DOUDA

henreyhd@gmail.com

541-409-5928

EDUCATION

Cumulative GPA: 3.64

Linn-Benton Community College Associate of Science, Engineering Transfer

- Phi Theta Kappa Honor Society
- Honor Roll (all terms)
- Graduated June 2019

Oregon State University Bachelor of Science, Electrical Engineering

- Attending from September 2018
- Graduating June 2021
- Waldo Cummings Scholarship Nominee

Coursework:

- Electric and Magnetic Fields
 - Digital Logic Design
 - Electrical Fundamentals (DC, AC, transient circuit analysis)
 - Data Structures (C++)
 - Introduction to Computer Science (Python)
 - Electronics (in progress)
 - Signal Analysis
 - Electromagnetic Energy Conversion (in progress)
 - Basic Thermodynamics, Quantum Mechanics
 - Computer Architecture
-

EXPERIENCE

ROV Camera Team Lead

Linn-Benton Community College, Albany, Oregon, November 2017 – November 2018

- Led team through task delegation, meeting organization, and giving status reports to other teams
- Designed, built, and tested camera systems
- Selected and ordered parts from suppliers
- Wired and mounted cameras to ROV

Math Instructional Assistant

Linn-Benton Community College, Albany, Oregon, September 2019 – Current

- Assist students in math (pre-algebra through differential equations), science (basic chemistry, physics), and engineering (electrical fundamentals, coding, basic statics)
- Quickly swap between solving problems of various types

Student Ambassador

Linn-Benton Community College, Albany, Oregon, June 2016 – September 2019

- Worked as part of a 3 to 5-person team to provide fast, friendly, and efficient service to students
- Instructed new students in the registration process and the systems and resources of the college
- Took initiative to create brand-new written registration guides

Tutor (one-on-one/drop-in)

Linn-Benton Community College, Albany, Oregon, September 2016 – June 2019

- Tutored physics (kinematics, waves and oscillations, E&M) and mathematics (pre-algebra through differential equations)
- Assisted with homework, test-prep, and study strategies in math and physics
- Communicated complex information to people with a diverse range of backgrounds and learning styles
- At the Science Help Desk, assisted people with physics (including coding in VPython) and basic chemistry

February 6th, 2020