

Lindsey Tomasini

<https://www.linkedin.com/in/lindsey-tomasini>
tomasinl@oregonstate.edu | 503.828.7427

EDUCATION

OREGON STATE UNIVERSITY

CURRENT: ELECTRICAL AND
COMPUTER ENGINEERING (ECE)
Expected Jun 2021 | Corvallis, OR
GPA: 3.21

COURSEWORK

UNDERGRADUATE

Electrical Fundamentals
Introductory ECE classes
Introduction to C/C++
Electronics
Signals and Systems
Digital Logic Design
Data Structures
Junior Design
Aerospace

SKILLS

COMMUNICATION

LEADERSHIP

ORGANIZATION

PROGRAMMING

Familiar:
C • C++ • Python

POV WAND

ARDUINO

Familiar:
MPU6050

EXPERIENCE

TEKBOTS | STORE WORKER AND PROJECT PARTICIPANT

Expected Jan 2019 – Jun 2021 | Corvallis, OR

- Communicating with students and customers with various technical questions
- Supplying parts
- Working on Sap Flow project

DISABILITY ACCESS CENTER | CLASSROOM ACCESS ASSISTANT

Expected Jan 2019 – Jun 2021 | Corvallis, OR

- Worked with blind or partially blind students in classroom settings. I give communications cues such as what is happening visually and descriptions of pictures.
- Worked with a student under mobility and obtained a few ideas for my research.

RESERVE OFFICER TRAINING CORPS DET. 685 | CADET

Oct 2017 – Dec 2017 | Assistant Audio Visual Officer

- Assisted in taking and editing photos for the detachment

Oct 2017 – Dec 2017 | Guidon Bearer

- Held the honor of carrying the flag for a term

Jan 2018 – May 2018 | General Military Course in Command

- Was promoted from guidon bearer to reporting attendance

Jan 2018 – May 2018 | Accountability Officer

- Took charge of obtaining the accountability of about 100 cadets during emergency and practice situations. Happened to hold this position during two possible emergency situations.

ARNOLD AIR SOCIETY MEMBER

Jan 2018 – May 2018 | Professional Development Manager

- Organized guest speakers and opportunities for professional growth

RESEARCH

INFORMATION PROCESSING GROUP | UNDERGRADUATE RESEARCHER

Aug 2018 – Present | Corvallis, OR

Work under Dr. V John Mathews on my own project. I am focusing on creating an ankle and knee joint sensor unit combined with Electromyography (EMG) signal reading capabilities. The joint sensor uses an MPU6050 Gyroscope and Accelerometer. Future work can involve neural prosthesis, translating signals, training systems, and re-stimulating muscles.

SOCIETIES

2017 Society of Women in Engineering
2017 Robotics Club
2017 Arnold Air Society