Jacob Gillette
Electrical and Computer Engineer

PERSONAL DETAILS

Address	4215 NW Duniway Dr. 28-104. Corvallis, Oregon
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EDUCATION

BSc. Electrical and Computer Engineering   `2017-Present`
Oregon State University

I am currently pursuing Electrical and Computer Engineering with a minor in Computer Science. I am currently in my Senior year of my degree and on track to graduate. My current GPA is 3.62. I have been on the Oregon State Honor Roll five times and have also previously made the Dean's list three times. After the spring term of 2021, I will be joining Daimler Trucks N.A. for a six month internship as an electrical engineer.

PROJECTS

Mobile Package Delivery Robot   `2020-2021`
Senior Capstone

The goal of this project was to design and build an autonomous delivery robot by re-purposing electric wheelchairs that would otherwise be thrown away. The robot runs the Robot Operating System (ROS) and I was responsible for implementing a light detection and ranging (lidar) sensor, manual control through a web app, and a local display with a user interface.

Sumo Robot   `2019-2020`
Junior Design

The goal of this project was to design and implement a small sumo robot. The autonomous sumo robot will uses different sensors to push a block of wood out of a sumo ring while staying within the ring. I was responsible for the motors, motor driver, and the wheel encoders.

WORK EXPERIENCE

Café Yumm!   `2014-2019`
Part-time

At Cafe Yumm there are high standards of consistency in food preparation and employees are held to this standard. I maintain a high standard in restaurant cleanliness and have trained new employees.

Construction   `2017-2018`
Part-time

I was working with a construction crew on small jobs. I learned the skills to building and improving roofs, siding, interior painting, etc.

SKILLS

Languages
English (fluent)   Japanese

Software
C, C++, PYTHON, Computer Organization and Assembly language, BASH

Soft Skills
Good problem solving skills, have experience working in teams and individual environments, and organizing/prioritizing tasks.

REFERENCES

Available upon request