

DERIN DURAK

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Mailing Address
55 W Lane Ave, Columbus, OH 43210

EDUCATION

BS The Ohio State University, Electrical and Computer Engineering May 2026

RELEVANT EXPERIENCE

Alpgen Robotics, Ankara, Turkey Aug. – Sep. 2021
Internship

- Designed a Printed Circuit Board and schematics for a 2-channel relay module using Autodesk EAGLE

Buckeye AutoDrive Team, The Ohio State University Aug. 2022 – Present
CAN Bus Team Member

- Encoding and decoding CAN bus messages using Python
- CAN bus channel integration on the competition vehicle
- Electrical hardware design and power distribution

FIRST Alumni & Robotics at Ohio State Sep. 2022 – Present
Vice President

- Volunteering in FIRST related local events
- NASA's Lunabotics Competition team member – Buckeye Lunabotics

Oztech Inc, Columbus, Ohio Feb. 2023 – Present
Research Intern

- Placement of lidars, radars, GPS, and cameras to their optimal location on the vehicle
- Comparing different sensor placement profiles using a custom simulation

ECE Web Services, The Ohio State University Feb. 2023 – Present
Web Applications Editor

- Fixing and adding new content to the official website of Dept. of Electrical and Computer Engineering (ece.osu.edu)
- Designing a dynamic website for the Capstone course, where students can professionally and easily showcase their own projects and publish posts that demonstrate their progress while working on their projects.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, CSS, HTML, PHP, Python

Software: Autodesk Fusion 360, Solidworks, Autodesk EAGLE, Adobe Photoshop

HOBBIES AND INTERESTS

Performance Tennis, Electric Guitar, Aerial Photography, Personal Projects