Kaden Goode

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EDUCATION

University of Cincinnati *B.S. | Mechanical Engineering, Class of 2029 - GPA: 3.842*

University of Cincinnati - ACCEND *M.S. | Aerospace, Class of 2029*

EXPERIENCE

Fluid Labs – University of Toledo
Airfoil Experiments *September 2023 - December 2023*
- Calculated the angle for least amount of drag and most amount of lift for an airfoil
- Used a smoke wind tunnel to view how different shapes of airfoils affect lift and drag

Walt Churchills Market
Bakery Clerk and Deli Clerk *November 2022 - June 2025*
- Produced deli salad sliced lunch meat and cheese while helping customers with their deli needs

Home Depot – 3400 Highland Ave
Paint and Plumbing Associate *June 2025 - Current*
- Informed customers about products while assisting them with their paint department inquiries

PROJECTS

High-Power Rocket - UC Rocketry Club
- Acquired Level 1 high-power rocket certification using a single deploy delay charge recovery system to reach an altitude of 2200 ft AGL
- Designed and manufactured custom rocket using OpenRocket, utilizing simulations to predict flight characteristics

CAD Design Coffee Grinder - Class Project
- Disassembled Coffee grinder, divided parts among group and then measured each part and replicated them in Siemens NX
- Worked in a team to research, model and assemble coffee grinder in NX

Lego Mind Storm Trash Collection Robot – Class Project
- Worked in a team designing, building and code a robot to follow a track, locate a container and based on container weight bring it to a location
- Designed the robot's physical model and used Autodesk Inventor to design the box

EXTRACURRICULAR ACTIVITIES

UC Rocketry Club *August 2024 – Present*
- Acquired L1 Certification
- Working on L2 Certification
- Club Member

Triangle Fraternity *August 2024 – Present*
- Brother/Member
- Social Chair
- Rush Chair

SKILLS AND CERTIFICATIONS

- **Coding Languages:** Python, Java, MATLAB, LabVIEW, HTML, CSS, VBA
- **Software:** Microsoft Products, Simens NX, Fusion360, AutoCAD, VSCode, Inventor
- **Honors:** Dean's List Fall 2024 – Summer 2025
- **Rocketry:** Tripoli Level 1 Certificate

Seeking Co-op/Internship for Spring 2026