Kaden Goode

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EDUCATION

University of Cincinnati   *Expected Graduation: May 2029 - GPA: 3.842*
Bachelor of Science, Mechanical Engineering
University of Cincinnati - ACCEND   *Expected Graduation: May 2029*
Master of Science, Aerospace

EXPERIENCE

Home Depot – Cincinnati, OH
Paint and Plumbing Associate   *June 2025 - Current*
- Provided accurate paint solutions while ensuring safety and efficiency in a fast-paced environment.
- Organized desk and counter space to improve efficiency by 5%

Walt Churchills Market – Toledo, OH
Bakery Clerk and Deli Clerk   *November 2022 - June 2025*
- Operated equipment safely while ensuring accuracy, efficiency, and quality in a fast-paced team environment

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

ENGINEERING 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 2300 ft AGL
- Designed and manufactured custom rocket using OpenRocket, utilizing simulations to predict flight characteristics
- Innovated way for the electronics bay to fit in nose cone improving space in body by 10%

CAD Design Coffee Grinder - Class Project
- Reverse engineered a hand crank coffee grinder and replicating each component in Siemens NX
- Managed the five-person team as the project leader increasing the team's productivity by 15%

Lego Mind Storm Trash Collection Robot – Class Project
- Worked in a team environment as CAD and Design manager, creating the physical body of the robot
- Improved robots' multi-terrain maneuverability by 10% by using treads instead of wheels and redesigning the body shape

Portfolio Website - Personal Project – Link at top of document
- Coded portfolio/about me website using HTML, CSS and JavaScript

EXTRACURRICULAR ACTIVITIES

UC Rocketry Club   *August 2024 - Present*
- Acquired L1 Certification
- Club Member

Triangle Fraternity   *August 2024 - Present*
- Brother/Member
- Social Chair, Rush Chair, PR 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
- **Lean Six Sigma:** White Belt Certificate
- **Rocketry:** Tripoli Level 1 Certificate

Seeking Co-op/Internship for Spring 2026