Ethan Ortecho
Cincinnati, OH | ethanortecho@gmail.com | +513 884 1774
12-28-2024

Hiring Manager
Leonardo DRS
Beavercreek, OH

Dear Hiring Manager,

I am writing to express my enthusiasm for the Summer 2025 Systems Engineering Intern position at Leonardo DRS. As a sophomore at the University of Cincinnati majoring in Information Systems with a minor in Computer Science, I have been inspired by the impact of engineering in solving complex problems and am planning to transition to an engineering major to align my education with my long-term career goals. This opportunity is a perfect step toward that path, as it would allow me to contribute my ambition, adaptability, and enthusiasm for learning to support your mission of advancing defense and intelligence technologies.

My initiative and dedication to learning are the driving forces behind my success thus far. Over the summer, I self-taught Python by completing Harvard's rigorous CS50 course, dedicating over 20 hours per week to mastering the material. I applied this knowledge to develop projects such as a restaurant POS system and a full-stack e-commerce platform, which required problem-solving, attention to detail, and adaptability as I learned new technologies and tackled challenges. These experiences, while not directly in systems engineering, have given me a foundation in technical concepts and fostered a proactive learning mindset that I am eager to bring to this role.

I am also passionate about collaborating with others and stepping outside of my comfort zone to grow personally and professionally. As Pledge Class President of Alpha Kappa Psi, I led a team of 30+ peers to execute impactful projects, honing my communication, organizational, and leadership skills. These experiences have prepared me to work effectively within teams and contribute meaningfully to challenging, fast-paced environments like Leonardo DRS.

While my background is not yet rooted in traditional engineering, my adaptability and enthusiasm for learning make me confident in my ability to quickly grasp new concepts and contribute to your systems engineering initiatives. I am inspired by Leonardo DRS's commitment to innovation and would be honored to contribute to projects that protect national security while gaining hands-on experience in systems design, analysis, and testing.

Thank you for considering my application. I look forward to the opportunity to discuss how my ambition and commitment to growth can add value to your team. Please feel free to contact me at ethanortecho@gmail.com or +513 884 1774.

Sincerely,
Ethan Ortecho

Ethan Ortecho

Cincinnati, OH | ethanortecho@gmail.com | +513 884 1774

linkedin.com/in/ethan-ortecho | github.com/ethanortecho

Education

University of Cincinnati, Information Systems - Minor Computer Science — Expected: Fall 2026
- 3.5 GPA
- **Relevant Organizations**: Alpha Kappa Psi - Professional Business Fraternity

Certifications

HarvardX (Harvard University):

CS50: Introduction to Programming with Python

CS50: Web Programming with Python and JavaScript (in progress)

Projects

ThreadBid
- Developed a responsive full-stack e-commerce website using Django and Python, integrating user authentication, dynamic listings, and real-time bidding functionality.
- Conducted iterative testing to ensure functionality, simulating real-world engineering practices.
- Utilized PostgreSQL for database management and conducted rigorous debugging to ensure reliability.

Restaurant POS System — GitHub Repository
- Developed a modular Python-based system with Tkinter, showcasing design detail and user-focused interface creation.

Experience

Pledge Class President, Alpha Kappa Psi – Professional Business Fraternity — August 2024 – Dec 2024
- Collaborated with a team of 30+ peers to design and execute complex professional and service projects, simulating team-based problem-solving.
- Strengthened interpersonal and communication skills through networking and presenting to large diverse audiences.

Shift Manager, CityBird Tenders – Crestview Hills, KY — October 2022 – June 2024
- Led and trained a team of 10+ employees, ensuring smooth collaboration and task completion under tight deadlines.
- Conducted daily operational analysis to optimize team efficiency and resource allocation.
- Utilized point-of-sale reporting tools to identify patterns and inform strategic decisions for inventory and staffing.

Graphic Design Intern, Dye Bros – Newport, KY — August 2023 – May 2024
- Leveraged core design principles such as balance, hierarchy, and consistency to craft cohesive, visually engaging materials that aligned with client goals and enhanced user experience.
- Applied UI/UX principles to ensure designs were intuitive and met client branding and business goals, emphasizing transferable skills for web development.

Technologies And Skills

Programming Languages: Python, SQL, Web Development (HTML, CSS, JavaScript - in progress)

Skills + Tech: Familair with (React, Node.js), Data Analysis, Data Visualization, Excel, UI/UX Design, Testing/Debugging, Agile Principles