

Richard Orellana

Providence, RI | richardaorellana@gmail.com | (401) 338-6168 | linkedin.com/in/richardaorellana

Summary

Engineering student with strong interest in aeronautics and mathematics. Beginner-level proficiency in Python and C but actively working towards improvement. Open to exploring topics outside of my field in order to expand my knowledge base and broaden my skill set.

Eager to build relevant experience through internships, projects, and independent studying.

Education

Cornell University, BS in Mechanical Engineering Aug 2023 – Present
Pursuing Minor in Aerospace Engineering

- **Relevant Coursework:** Dynamics, Linear Algebra, Python Programming
- **Expected Graduation:** May 2027

Experience

Undergraduate Research Assistant — ACT Lab, Brown University Jun 2025 - Aug 2025

- Assisted in the research and development of autonomous control systems for micro air vehicles (MAVs)
- Trained a neural network hover controller for a small drone

Skills

Programming - Python, Matlab, C

Software - Fusion 360, LaTeX, VS Code

Tools - 3D Printing, Laser Cutting

Soft Skills - Communication, Teamwork, Adaptability