

Stephen Baird II

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OBJECTIVE To obtain an internship, co-op, or entry-level position in the field of Aerospace Engineering, to apply academic knowledge, gain hands-on experience, and contribute to the Aerospace field.

EDUCATION

Embry-Riddle Aeronautical University

Daytona Beach, FL

Major: Aerospace Engineering

May 2026

Area of Concentration: Astronautical Engineering Track

GPA: 3.3/4.0

PROJECTS

Research: Spacecraft Trajectory Prediction with Machine Learning 2024-Present

- Researching methods of using machine learning techniques to implement in a trajectory prediction project.

MATLAB Programming Project (Individual Project)

2023-ERAU

- Utilized MATLAB knowledge to recreate Chess with incorporating rules
- Enhanced knowledge of artificial intelligence through creating chess bot

SKILLS

CAD Software: CATIA v.5, Onshape, TinkerCAD, SOLIDWORKS

Other Software: MATLAB

Technical: Drafting, 3D Printing using Fused Deposition Modeling (FDM)

ACTIVITIES

Embry-Riddle Aeronautical University Track & Field Athlete

2022-Present

- Athlete competed as multi-event Track & Field athlete

LEADERSHIP

Resident Advisor

2024-Present

- Built community promoting a healthy work-life balance for residents

Good Shepherds Foundation Co-founder

2016-Present

- Led the Youth Advisory Board in helping the community
- Aid the organization with problem solving to help our projects

Embry Riddle Residential Student Association Parliamentarian

2023-2024

- Help coordinate and organize the weekly meetings

Embry Riddle Residential Student Association RA Liaison

2024-Present

- Act as liaison between the association and housing department

AWARDS

Embry-Riddle Aeronautical University Scholarship

2022-Present

Peach Belt Conference Presidential Honor Roll

2022-2024

Embry-Riddle Aeronautical University Dean's List

2022-2024

ADMIX Robert Edward Hines, Jr. Scholarship

2022-2023