Name

email   cellphone number

OBJECTIVE:

Spring 2021 aerospace engineering graduate seeking an entry-level position. Highly motivated to learn in a fast-paced, collaborative environment. Eligible to obtain security clearance, and willing to travel and/or relocate.

EDUCATION:

BIG 10 University

Bachelor of Science in Aerospace Engineering   August 2017-May 2021

GPA: 3.51

Courses: Stability and Control, Aerodynamics, Aircraft Design, Propulsion, Aeronautics, Differential and Integral Calculus, Statics, Dynamics, Strength of Materials, Thermodynamics, and Technical Writing.

TECHNICAL SKILLS:

MATLAB, C++, Microsoft Office, Microsoft Excel, some experience with SolidWorks and LabView

WORK EXPERIENCE:

Small Startup Company

Technical Writing Intern   *May 2020-July 2020*
- Developed technical content for the company's website and newsletter
- Wrote and uploaded articles to their website blog about artificial intelligence technology

RELEVANT PROJECTS:

Senior Capstone Project

Aircraft Design   *Aug 2020-Present*
- Collaborate and produce a final conceptual design within a group of peers for a general aviation aircraft within set requirements for its speed, weight, etc.
- Evaluate aircraft performance using MATLAB/Simulink to conduct trade-off studies and determine load factors, drag analysis, gross weight, and necessary thrust

Student Club

Student Trainee & Project Member   *Aug 2020-Present*
- Design, build, and launch a small payload designed by the cross-functional student team
- Prepare to receive telemetry from MiTEE space CubeSat experiment created by the University of Michigan and repair the ground station satellite dish located on campus

Student Design Club

Design & Test Engineering Team Member   *Aug 2019-March 2020*
- Designed a small radio-controlled airplane made for a competition held yearly in the late spring by Society of Automotive Engineers (SAE) International
- Analyzed and compared motor propulsion data and predictions based on competition weight to choose the best motor
- Conducted mechanical bending tests to evaluate the strain on the wings and analyzed the stability of wing spars using MATLAB