

Mihir Rao

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EDUCATION

University of Florida

Bachelor of Science in Mechanical and Aerospace Engineering

Gainesville, FL, 2024

Cumulative GPA: 4.0

Relevant Coursework: Physics with Calculus, Calculus, Computer Aided Graphic Design, Programming Courses

EXPERIENCE

Machine Intelligence Laboratory

Gainesville, FL

Mechanical Sub Team Member

2020-Present

- Designed and manufactured a movable load bearing platform to carry Subjugator 8, which reduced preparation time from 30 to 10 minutes.
- Collected measurements of the Indy Go kart to simulate real world conditions in Gazebo.

Aerogators Design Team

Gainesville, FL

Landing Gear/Avionics Team Member

2020-Present

- Implemented a navigation system that connects the pilot and ground team in real time.
- Researched viable braking mechanisms for the 2020 ASEA Powered Parachute Competition which can stop 250 lb. of weight.

Kumon Learning Center

Plantation, Florida

Teaching Assistant

2018-Present

- Mentored students to help develop better math and reading skills, grade homework packets, and maintain classroom organization. Brought one student's math grade up from a C to a B.

AWARDS/HONORS

- **UF Honors Program** *August 2020*
Paced within the top 10% of the incoming class
- **Rotary Scholar** *June 2020*
Recognized for exemplary academic achievement and invaluable service to the community
- **Certificate of Special Congressional Recognition** *June 2020*
In recognition of outstanding and invaluable service to the community
- **Top 1% Graduating Student** *May 2020*
Placed within the top 1% of the high school class

ADDITIONAL SKILLS

Proficient in Microsoft Office Suite, Adobe After Effects, Affinity Designer, Java, Python, JavaScript, Matlab, Solid Works