

CONTACT

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EDUCATION

2021 - 2025

LIBERTY HIGH SCHOOL

- GPA - 3.86
- SAT - 1540
- APs - Statistics (5), Capstone Diploma, Physics 1 (4), Computer Science A (4)
- Founder/President of Aerospace Club (2022-2024)

SKILLS

- Adaptability
- Collaboration with diverse cultures
- Proactive problem solving

- Creative Writing
- Python (2 years)
- Java (5 years)

LANGUAGES

- English (Fluent)
- Malayalam (Fluent)
- French (Limited Working, B1)

CERTIFICATIONS

- NOCTI Engineering Technology Foundations
- FAA Part 107 Drone License

RAM PILLAI

OBJECTIVE

Senior at Liberty High School in Frisco, Texas, with a passion for aerospace engineering and AI applications in STEM education. I create blogs to make complex STEM topics accessible to young audiences. Excited to connect with like-minded individuals and explore opportunities in aerospace and AI.

EXPERIENCE

- **C3PO Club with Texas A&M** Sep 2024 - Present
Intern
 - Working with research professors from Texas A&M and Purdue on developing/coding Unity-based VR experiences for teachers.
 - Responsible for teacher outreach and making sure product is catered to their specific classroom needs/curriculum.
- **CAD4Kidz** Dec 2023 - Present
Tutor
 - Lead weekly lessons guiding students on how to design models in TinkerCAD.
 - Contribute to designing the course material and content for effective online delivery.
 - Tutor 50+ students per class.
- **Invention Studio at Georgia Tech** June - July 2024
Intern
 - Received training on tools in the Invention Studio, such as wood and metal shops and 3D printers.
 - Designed and constructed an engineering capstone project using the tools.
- **The University of Texas at Dallas** June - July 2023
Intern
 - Completed 8-week Deep-Dive AI Workshop at UT Dallas.
 - Collaborated with a team to develop a model to predict the habitability likelihood of an exoplanet, based on data provided about it and the NASA exoplanet archive.

HONORS

- AP Scholar With Distinction
- UTD Battle of the Brains: Placed 27/84
- National Honors Society
- Business Professionals of America: Regionals