

Mahatru Miryala

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[LinkedIn](#)

[Github](#)

EDUCATION

University of Central Florida: Orlando FL

- Computer Science, Class of 2025 - GPA: 4.00
- Burnett Honors College
- Bright Futures Florida Academic Scholarship Recipient

Suncoast Community High School: Riviera Beach FL

- GPA: 3.60 Weighted GPA: 4.97
- Honor roll - 9, 10, 11, 12

PROJECTS

Trash Trek Challenge

- Presented a project to a team of scientists at JPL for an FLL competition

IB Calculus IA

- Calculated the math using calculus required to travel to Mars using a Saturn V rocket for an IB paper

IB Extended Essay

- Learned Python and built and tested a neural network to predict COVID cases and deaths on a regional basis for a 3800 word IB paper

Sea The Future

- For the Congressional App Challenge, built an augmented reality mobile app to display water level change in accordance to global warming depending on geographical location using Unreal Engine 4

IB CS IA

- Used Python to build a photo editor for a client for an IB paper

Personal Game Project

- Utilizing Agile development processes to lead a team building a next-gen open world MMORPG game in Unreal Engine 5

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

- Boy Scouts - Eagle Scout, Historian, Webmaster, Assistant Patrol Leader
- Tae Kwon Do - Assistant Instructor
- Computer Club - Social Media Director
- Post57 - Vice President of Administration
- Co-Vice President of Machine Learning Club

VOLUNTEERING EXPERIENCE

- Cole Preston Foundation (Growing plants at a local garden to donate to homeless shelters, helped make and manage the website)
- Boy Scouts Activities (Various volunteering opportunities)
- Korea Taekwondo (Assisting the Master and Instructing Classes)