

**Mahatru Miryala**  
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## 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
- SAT score: 1460 - 690 Reading and Writing, 770 Math
- Honor roll - 9, 10, 11, 12

## PROJECTS

- Presented a project to a team of scientists at JPL for an FLL competition
- Calculated the math using calculus required to travel to Mars using a Saturn V rocket for an IB paper
- Learned Python and built and tested a neural network to predict COVID cases and deaths on a regional basis for an IB paper
- Built an augmented reality mobile app to display water level change in accordance to global warming depending on geographical location using Unreal Engine 4
- Used Python to build a photo editor for a client for an IB paper
- 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
- Debate - Varsity Congress member, placed 6th in a regional tournament
- Computer Club - Social Media Director
- Post57 - Vice President of Administration
- SGCC Head Coach and team captain
- Co-Vice President of Machine Learning Club

## VOLUNTEERING EXPERIENCE

- Feeding South Florida (Sorting and packing food from grocery stores to donate to homeless shelters)
- Cole Preston Foundation (Growing plants at a garden to donate to homeless shelters)
- Boy Scouts Activities (Various volunteering opportunities)
- Korea Taekwondo (Assisting the Master and Instructing Classes)
- Post57 (Beach cleanups and water quality testing)

## LINKS AND REFERENCES

- [LinkedIn](#)
- [Github](#)