

ANIRUTH VENKEDESH

Undergraduate Researcher

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SUMMARY

Aspiring future physician who is interested in AI. Currently an undergraduate researcher in the field with nearly a decade's worth of experience programming and a broad range of scientific knowledge. Interested in the interdisciplinary applications of AI technology and its practical use in the healthcare setting.

LEADERSHIP EXPERIENCE

Founder/President

Windermere Preparatory Chess Club

With the goal of fostering the shared love for chess

- Built the club from the ground up, starting with just 0 members.
- Organized club meetings, activities, and elections.
- Created an atmosphere that encouraged intellectual curiosity.

President

Mu Alpha Theta (Math Honor Society)

Served as the school president for the national organization

- Planned all club activities and meetings.
- Empowered individuals to pursue their passions in STEM.

Vice President

Sociedad Honoraria Hispánica (Spanish Honor Society)

Operated as one of the two vice presidents and focused on philanthropic efforts

- Organized fundraising events
- Coordinated club meetings

RESEARCH

Developmental Networks and Neurobiology Lab

University of Florida

The DNNL lab at UF is focused on examining the development brain networks and neurological disorders

- One of the primary undergraduate researchers focused on leveraging AI technology to analyze brain development
- Interested in studying disorders such as autism and park

AI Scholars Program

University of Florida

Selected to be a part of the 2024-2025 cohort of the prestigious AI scholars program

- Research is focused on training/utilizing machine learning models in order to reliably diagnose autism spectrum disorder in children.
- Primary goal is to find an alternative to the long and expensive autism diagnosis process and increase access to healthcare.

CS SKILLS

Python	Java	C++	Data science	Machine learning
Deep learning	Tensorflow	Pytorch	Numpy	Pandas
Tkinter	Scikit Learn	Keras	Matplotlib	

ACADEMIC EXPERTISE

Computer Science

Mathematics

Biology

Chemistry

Physics

EDUCATION

B.S. Biology (Pre-Professional)

University of Florida

📅 2023 - Present

GPA

4.0 / 4.0

Highschool Diploma

Windermere Preparatory School

GPA

3.99 / 4.0

IB Diploma

Windermere Preparatory School

IB

39 / 45

- Completed a rigorous schedule of higher level courses and achieved a cumulative score of 39 (~top 10%).

STRENGTHS

- 🗨️ Communication
- 👥 Leadership
- 📅 Organization
- 📞 Reliable and Consistent
- 🧪 Problem-solving

MY PHILOSOPHY

I believe in the power of collaboration and innovation to drive impactful solutions. By fostering a culture of open communication and leveraging diverse perspectives, I strive to tackle challenges with creativity and effectiveness, always aiming for continuous improvement and growth.

~Aniruth