Contact

anandhu15r@gmail.com

www.linkedin.com/in/anandhu-r-nair-98aa95328 (LinkedIn)

Top Skills

Problem Solving

Analytical Skills

Python (Programming Language)

Anandhu R Nair

Student at University of Nebraska-Lincoln

Chicago, Illinois, United States

Experience

Cosmic Ray Observatory Project (CROP)
Undergraduate Research
August 2024 - Present (2 months)

The study of cosmic ray air showers and behavior of high-energy cosmic particles.

Key Contributions: Installed and operated cosmic ray detectors across Nebraska as part of an NSF-funded statewide project and analyzed time-stamped data to detect cosmic rays coincidences.

Skills: Data analysis, scientific communication, teamwork.

Fabrikant Labs
Undergraduate Research
January 2024 - July 2024 (7 months)

Implications of quantum tunneling on nanotechnology and quantum computing

Key Contributions: Simulated tunneling effects using Python and Qiskit to study electron behavior in Nanoscale devices. Developed numerical models for tunneling probabilities, applying Schrödinger's equation.

Skills: Quantum simulation (Qiskit), numerical methods, Problem-solving, scientific communication.

Yao Labs
Undergraduate Research Assistant
November 2023 - May 2024 (7 months)

Collected and analyzed Reddit data related to diseases using API integration.

Key Contributions: Retrieved, cleaned, and processed data to study health trends and public sentiment.

Skills: API integration, data analysis, sentiment analysis, Python, Pandas.

Education

University of Nebraska-Lincoln
Bachelor of Engineering - BE, Computer Engineering · (August 2023 - May 2027)