Ryon Peddapalli

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Projects

- Game Developer on the side. Worked with channels that have hundreds of thousands of subscribers and made games and applications with thousands of downloads.
- Made bots and actuated autonomous applications for messaging applications like Discord which gained hundreds of invites and utilizations.
- Programmed Yaskawa robotics arms in the Future Factories Laboratory at the University of South Carolina to automate tasks such as loading items on conveyor belts.
- Maintains an application for the CU Freshman Hackathon which directly uploads files from the Clemson Computing Computers to Gradescope, saving significant time between assignment submissions for classes and utilized by other Clemson students.

Education

LEXINGTON HIGH SCHOOL | 2019 - 2023 | GPA: 5.0

- Utilized Arduinos to make a traffic light and control system for our school's racing VEX course which helped them get to Nationals.
- Obtained FAA sUAS certification and programmed flight paths for automated drones.
- Wrote papers on statistics computing, including papers for the Mathematical Contest in Modeling under a professor at a local Technical College where we analyzed Wordle results.

CLEMSON UNIVERSITY | HONORS, B.S. COMPUTER SCIENCE | 2023 – 2027 | GPA: 3.7

- Gained experience in C and C++ and programmed simulations and decryption algorithms.
- Developed simulations for refractions of light under silicon wafers and contributed to the research of light remission and anti-reflective coating properties.

Certifications / Achievements

- Wild Card - CUHackIt
- 50/50 Advent of Code 2023
- MCM participant – Midlands Tech
- 2nd in State for Programming - '22 SkillsUSA
- USACO Silver
- REC Certified in Pre-Engineering, Robotics, Computer Science
- 1st in State for Math – College of Charleston

Skills

- Application development with Godot
- Experience in Python, C++, C#, Rust
- Simulation/Mechanics experience with Matlab
- Website development with HTML/CSS