Christian T. Rodriguez

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EDUCATION

Florida Polytechnic University, Lakeland, FL
Bachelor of Science in 'Computer Science'
Anticipated Graduation, May 2025

SKILLS

Computer:
- *Software:* Adobe Acrobat, C, C++, Python, JavaScript, HTML, PHP, Adobe Photoshop, R, Java, React
- *Hardware:* Electrical Wiring, Arduino

RELEVANT COURSEWORK

- Current: Advanced Topics in programming
- Future: Data Structures, Software Engineering, Senior Design 1 and 2, Game design 1 and 2

PROJECTS

Florida Polytechnic University, Lakeland, FL

*Plane Game (*Fall, 2021)
- I worked by myself to make a game for the Fall 2021 Game Expo, the game looks and feels like a retro arcade machine game.
- I wrote the game in python taking advantage of the pygame library. In the game you fly over the ocean dodging waves and birds while collecting coins.

*Color Hell (*Spring, 2021)
- I worked by myself to make a game to further my experience with pygame.
- I wrote the game in python taking advantage of the pygame library. In the game you dodge bullets with different colors, each color representing a different skill the bullet has.

*Nebula Hive Mind (*Spring, 2021)
- I worked with a team of 4 people to make a multiplayer game for the Spring 2021 Game Jam, we then continued to work on it throughout the semester to make it better and submit it for the Spring 2021 Game Expo.
- We wrote the game in JavaScript taking advantage of libraries such as Node and P5.js. In the game you spawn in on your own team and when you kill another player they join your team, then when the entire server is on one team you all fight a boss together.

*Love Letter Collector (*Spring, 2022)
- I worked by myself to make a game to further my experience with P5.js.
- I wrote the game in JavaScript taking advantage of the P5.js library. In the game you fly across obstacles to collect love letters.

*Cloudy Meadows (*Summer, 2021)
- I worked a team of 4 people to make a game for .
- We wrote the game in JavaScript taking advantage of the P5.js library. In the game you farm on top of skyscrapers in an effort to make enough money to buy the location before Mr.C can buy it. In the game we made an inventory system, a quest system, a system to program robots to do tasks for you, a chest system, and a dialogue system.

EXPERIENCE

Florida Polytechnic S.I.M. Lab Worker – September. 2022- Current (dates of participation)

EXTRACURRICULAR ACTIVITIES

Florida FLPolycon – January. 2022- March 2022 *(dates of participation)*
- Helper
- I have learned to work with a team and help plan and host a large event.

Media Club – August. 2022-*March 2023*
- Vice President
- I have learned to work with a team and help plan and host events.

Media Club – March 2023-Current *(dates of participation)*
- President
- I have learned to work manage a team and help plan and host events.