Patrick Mayer – Game Dev Student

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EDUCATION

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

SKILLS

- *Primary Software/Languages*: C++, VS Code
- *Secondary Software/Languages*: JavaScript, p5.js, HTML/CSS, C, Visual Studio, BASH
- *Certifications*: Word, Excel, PowerPoint, JavaScript

RELEVANT COURSEWORK

- **Current**: Discrete Math, Comp Linear Algebra, Intro to Unix, Computer Networks, Data Structures
- **Relevant Previous Courses**: OOP, Intro to Computation and Programming, Calc 1, Stat 1.

PROJECTS

Personal Website | HTML, CSS, JavaScript
- The goal of this project is to learn web development and how the web works (domains, ports, hosting, etc.).
- Currently working on making website more responsive and implementing CSS grids.

MUD Game (Ongoing) | Java
- The goal of the project is to learn game development, networking, Java, and databases/SQL.
- Currently working on using graph data structure to handle a map system.

*Hive Mind Nebula (**Spring, 2022**) | JavaScript, p5.js*
- Collaborated with a team to create a multiplayer game in 3 days for a game jam.
- My role was integrating sound with a library called Howler.js.
- Won 5th place out of 30 at the 2022 Spring FL Poly Game Expo.

EXPERIENCE

Freedom Movers (Ongoing)
- Worked moving pianos and furniture and gained solid work experience.

Student at Riverview High School (August 2017 – June 2021)
- Took a class about computer basics.
- Learned python and JavaScript in Beginner Programming.
- Worked on a C++ text-based adventure in Advanced Programming.
- Learned the fundamentals of programming in AP Computer Science Principles.

EXTRACURRICULAR ACTIVITIES

FL Poly Media Club **(Ongoing)**
- Participated in every game jam they've offered while I've been at Poly.
- Will be the Treasurer in the upcoming school year.

Career Technical Honor Society **(August 2020 - June 2021)**
- Had the role of Treasurer.
- Learned how to interact with people who want to work in the same field as I do.