

# 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** | 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 5<sup>th</sup> place out of 30 at the 2022 Spring FL Poly Game Expo.

## EXPERIENCE

**RaceTrac (June 2022 – August 2022)**

- Helped customers, solved problems, gained valuable 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.
- Currently the treasurer of the Media Club.

**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.