

# Nathan Justin

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[Github](#)

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## Objective

To utilize my problem solving skills, teamwork, communication, and programming background to learn, create, and test code to form solutions that have practical applications in the real world.

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## Education

**University of Central Florida, Orlando, FL**

Expected Graduation December 2024

**Degree:** Bachelor's of Science in Computer Science.

**GPA:** 3.462

**Minor:** Mathematics

**Relevant Coursework:** Processes of Object Oriented Software Development, Introduction to C Programming, Computer Graphics, Data Structures 1 & 2, Virtual Reality Engineering

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## Skills

- **Relevant Programming Languages:** C/C++, C#, Java, Javascript, Python, OpenGL, Haskell HTML, CSS
- **Libraries:** Raylib, React, AR Foundation, Oculus Integration SDK
- **Technologies/Frameworks:** VSCode, MongoDB, Firebase, Express, MySQL, Github, Unity, Jira

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## Projects

**Space Havoc | C++, Raylib/RayGUI**

- A 3D shooter based on the retro arcade game Space Invaders
- Used C++ to create players and enemies in an object-oriented design fashion
- Used Raylib/RayGUI to create the game mechanics including movement, shooting, collisions, title, game, and game over screen as well as UI elements

**Gesturescape | C#, Unity, VR, Oculus Integration SDK**

- A VR Parkour game using hand gestures to trigger abilities to progress through different levels
- Used C# for scripting the abilities including, movement, slowing time, and jumping
- Used Oculus Integration SDK to detect the hand poses of the users to trigger abilities

**Music Player | React, Express, MongoDB, Firebase, Javascript, Express**

- A simple music app that plays music that you upload from your computer
- Used MongoDB and Express in order to configure backend for the songs
- Used Firebase to make it so you can login by using your Gmail account
- Used Javascript to create the star background for the login page

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## Experience

**Publix Super Markets, Inc, Orlando, FL**

June 2021 - Present

**Grocery Clerk**

- Provided premier customer service by directing customers to products they're looking for.
- Communicated and collaborated with associates to increase efficiency of stocking and maintenance tasks.