**Luke Evarretta**

Computer Science Student

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[linkedin.com/in/lukeevarretta](https://www.linkedin.com/in/lukeevarretta) | [github.com/MayDay5312002](https://github.com/MayDay5312002)

**TECHNICAL SKILLS**

**Front End** | HTML, CSS, JavaScript, React

**Back End** | PHP, Django, Node.js, Flask

**Databases |** MySQL, SQLite, MongoDB

**Developer Tools** | Git, Unity, Scrapy

**Languages** | C#, C, Java, Python

**Mainframe Technologies |** COBOL, JCL, IBM z/OS

**PROJECTS**

**Game Developer** | Swerve Game 2022

*A game where the objective is to maneuver around incoming rockets for as long as possible.* Git | C# | Unity | MySQL | Flask |

* The game character remains stationary in the x-direction, yet the immersion is achieved through the parallax effect generated by the ground and background, along with dynamic character animations.
* Implemented a system where every in-game collision triggers specific sound effects like landing, sliding, and rocket impacts. Furthermore, augmented the gaming experience with additional sounds such as jump effects, UI clicks for button interactions, and a Game Over sound.
* Developed a Python API utilizing the Flask web framework to establish a ranking system. This system stores players’ highest times in a database and presents them for display.
* **GitHub:** <https://github.com/MayDay5312002/Swerves> | **Game:** <https://mayday5312002.itch.io/swerves>

**Front End Developer** | NBA Statistics Website 2024

*A website displaying current NBA player statistics.* Git | Scrapy | JavaScript | CSS | HTML |

* Automated web scraping with Scrapy, a Python web scrapper framework, is employed to gather data.
* GitHub Actions is employed for pipelining to automate web scraping on an hourly basis.
* **Website:** <https://mayday5312002.github.io/Nba-Stats/> | **GitHub:** <https://github.com/MayDay5312002/Nba-Stats>

**Front End Developer** | Website Portfolio 2023

*A responsive website that displays my skills and a description of who I am.* Git | JavaScript | CSS | HTML |

* Designed and developed a front-end responsive portfolio website showcasing my skills as a student in the field of computing.
* The website was designed with a minimalistic approach.
* **Website:** <https://mayday5312002.github.io/Web-Portfolio-2023-/>

**System Engineer |** Personal Assistant May 2025

*A personal assistant device named “May”, designed to emulate PA devices such as Apple HomePod.* C++ | OpenAI | Flask | NGINX

* Leveraged OpenAI to create an AI assistant tailored to meet the objectives of this project.
* Developed API endpoints with Flask to fetch and return responses from the OpenAI assistant to the system.
* Utilized different external libraries and hardware peripherals to ensure system functionality.
* Configured the appropriate system instruction for the AI Assistant to avoid TTS issues.
* **GitHub:** <https://github.com/MayDay5312002/Personal-Assistant-May>

**EXPERIENCE**

**AI Trainer (Freelance Remote)** | Outlier 2024 – Present

* Writing comprehensible summaries of coding problems to help cutting-edge generative AI models write better code.
* Writing explanations of how code serves as a solution to problems and justifying the soundness of the approach.
* Writing test cases to confirm validity and efficiency of the code.

**EDUCATION**

**Stanton College Prep** – High School Honors Diploma Graduated 2021

**University of North Florida** - BSCS | GPA: 3.84 | Dean’s List Graduating 2025