**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) | <https://mayday5312002.github.io/Web-Portfolio-2023-/>

**TECHNICAL SKILLS**

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

**Back End** | 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 2023

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

* Achieved immersion with parallax scrolling and dynamic animations while keeping the character stationary on the x-axis.
* Implemented dynamic sound effects for collisions (landing, sliding, rocket impacts), actions (jumping, Game Over), and UI interactions (button clicks) to enhance gameplay experience.
* Developed a Flask-based Python API to store and display players' best times in a ranking system.
* **GitHub:** <https://github.com/MayDay5312002/Swerves> | **Game:** <https://mayday5312002.itch.io/swerves>

**Full Stack Developer** | SELI – SE Job Scraper 2025

*A web app that scrapes software engineering LinkedIn jobs.* React | Scrapy | Django| MySQL | NGINX

* Automated web scraping with Scrapy, a Python web scrapper framework, is employed to gather data.
* Tracks applied and unvisited software engineering positions.
* Implemented JWT tokens for authentication and authorization.
* **Website:** <https://selii.mooo.com/>

**Software Developer** | AI Study Companion 2025

*An AI Study Companion web app that helps you understand concepts.* Ollama | React | Django | Embeddings | SQLite

* Designed and developed a web app using React and Django that will augment learning.
* Utilizes AI models and embeddings to generate impactful responses for a given input.
* Using an AI model, the web app will able generate text responses, flashcards, and quizzes.
* **Github:** <https://github.com/MayDay5312002/AIBuddy---Intro-to-AI-Final-Proj>

**System Engineer |** Personal Assistant May 2024

*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: 3.85 | Summa Cum Laude Graduated 2025