

Luke Evarretta

Computer Science Student

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[linkedin.com/in/lukeevaretta](https://www.linkedin.com/in/lukeevaretta) | 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 scraper 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 be able to 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