

Giancarlo Nassi



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Education

Florida International University | *Miami, FL*

Expected Graduation: *Jan 2025*

- B.A. in Computer Science | A.A. General Studies

GPA: *3.4/4.0*

Skills

Florida International University | *Miami, FL*

- **Languages:** C | C++ | C# | Python | Java | HTML | CSS | React | Next.js | JavaScript | TypeScript
- **Relevant Courses:** Programming II | Data Structures | Computational Writing | C/C++ Programming

Experience

Lead Programming Instructor | *Zero Limit LLC.*

Jan 2023 – Present

- Set up computers and networking systems, delivering step-by-step instructions on basic use.
- Designed classes on Web Dev, Robotics, Game Dev, and Back-end programming for students.
- Arranged and scheduled guest lecturers to enrich classroom learning.
- Planned and implemented curriculum to teach up-to-date technology to 120+ students.
- Attended professional development technology courses to increase knowledge base and learn new skills.

Projects

PerfectWeather | *Python* | *OpenWeatherAPI*

Aug 2023 – Aug 2023

- PerfectWeather is a user-friendly application designed to provide precise and tailored weather information. Instead of overwhelming users with a barrage of data, this app empowers them to choose exactly what they want to know.
- Users can select from a range of metrics including: Temperature, "Feels Like" temperature, Humidity, Longitude and Latitude And more!
- PerfectWeather updates in real-time, ensuring that users receive the most current information available.

Hand Companion | *Python* | *Flask* | *HTML* | *CSS* | *JavaScript*

Sept 2023 – Sept 2023

- Hand Companion is an avant-garde AI system engineered to interpret American Sign Language (ASL) through the recognition of hand movements. It not only vocalizes the gestures and letters being signed, but also transcribes them in real-time, bridging the communication gap between the hearing and the deaf communities.
- Audible Output: Vocalizes the corresponding word, phrase, or letter being signed for immediate verbal feedback.
- Real-Time Transcription: Converts ASL gestures into written text instantly, appearing on the user's device.
- User-friendly Interface: Intuitive design ensures ease of use for both signers and non-signers alike.

AudioScribe AI | *React* | *Vite* | *Python* | *Flask*

Oct 2023 – Oct 2023

- Top pick in UKG sponsor challenge in PlutoHacks
- AudioScribe AI focuses on recording phone calls for call centers to transcribe, translate, summarize and playback audio to efficiently store data for workers.
- Utilizing PyAudio library to captures audio recordings, using OpenAI API to summarize and Whisper to detect foreign languages to translate.

Associations

INIT FIU | *Miami, FL*

Jan 2023 – Present

- AI Guild
- Participated in a Hackathon that had more than 1,200+ participants.

Code Culture | *Miami, FL*

Jan 2023 – Present

- A Discord server that hosts over 1,000 members worldwide for Comp Sci majors alike.
- A member of Code Culture as a Moderator overseeing the server and enforce the rules and conditions that come along with it.