Cesar Valentin

305-984-0971 | vcesarsa@gmail.com |

EDUCATION

University Of Florida — Gainesville, FL
B.S. in Computer Science — *Expected Graduation 2027*

Coursera — Online
Meta Back-End Developer Professional Certificate — *July 2024*

edX — Online
Harvard University CS50: Introduction to Computer Science — *June 2021 – August 2021*

EXPERIENCE

Monitor Support Tech — March 2024 – Present
Telemetry Monitoring Unit (TMU), UF Shands — *Gainesville, FL*
- Monitored and interpreted patients' heart rhythms and rates using telemetry recordings.
- Identified and reported critical heart rhythms such as V-tach, sinus, afib, and paced rhythms.
- Monitored SpO2 levels and notified nurses of significant changes and alarms.
- Ensured accurate and timely reporting of red alarms and other vital information to the nursing staff.
- Maintained a keen eye on multiple units, ensuring patient safety and quick response to emergencies.

Food Nutrition Assistant — May 2023 – February 2024
Compass Group Morrison Healthcare, Cliverland Clinic, UF Shands — *Vero Beach, Gainesville, FL*
- Uphold high hygiene standards, sanitizing kitchen areas and utensils, contributing to a safe work environment.
- Process up to 750 trays per shift, demonstrating efficiency and commitment to customer satisfaction.
- Demonstrate technical prowess by maintaining cleanliness across multiple floors.
- Facilitate smooth operations through efficient transfer of kitchen supplies and equipment.
- Implement meticulous cleaning tasks, underscoring attention to detail and dedication to cleanliness.

PROJECTS

AGI Learning | *Django, ReactJS, TypeScript, Tailwind CSS, Vite* — April 2023 – Present
- Spearheaded AGI Learning development, integrating GBT Problems concepts into an educational platform.
- Engineered the backend using Django, handling database management and API design.
- Constructed the frontend with ReactJS, TypeScript, and Tailwind CSS, optimizing user experience.
- Configured and managed server environment using Nginx and Gunicorn, ensuring reliable website functionality and efficient request handling..
- Applied Git for version control and continuous integration, fostering efficient collaboration and iterative development.

GPT Problems | *Python, OpenAI, Latex, Matplotlib* — Feb 2023 – Present
- Engineered a dynamic problem generator utilizing the OpenAI API, capable of creating diverse problems across various topics and difficulty levels.
- Guaranteed valid, readable problems through LaTeX validation and automated retries.
- Built an interactive command-line interface for user input,based on user-defined topics and difficulty levels.

Journey's End | *Java, JSON, JavaScript* — June 2021 – Feb 2023
- Developed a Minecraft modpack tailored for a young audience, enriching gameplay with custom features implemented in Java, JSON, and JavaScript.
- Managed modpack configuration, playtesting, and gameplay balancing, ensuring a fun and engaging player experience.
- Collaborated with fellow developers, exchanging suggestions and feedback to optimize the modpack.

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS,
Frameworks: React,Django, Django REST, Tailwindcss, Vite, Typescripts
Developer Tools: Git, Orcale cloud, VS Code, Visual Studio, Eclipse
Libraries: NumPy, Matplotlib
Soft Skills: Collaboration, Work Ethic, Attention to Detail, Time Management, Creative Thinking, Leadership, Teamwork, Adaptability, Critical Thinking, Active Listening, Decision-making, Initiative