MELODY NNADI

+1(903) 244-6591 | melodynnadi2@gmail.com | linkedin.com/in/melodynnadi | melodynnadi.netlify.app | github.com/melodynnadi

WORK EXPERIENCE

SOFTWARE DEVELOPER INTERN   February 2025 – present

Reality AI Lab

- Built and refined AI-powered education and career tools using ReactJS, Node.js, and Python.
- Deploying applications on Google Cloud Run and managing Firestore, Firebase Realtime DB, and Redis for scalable AI workflows.
- Conducting comprehensive testing, resolving bugs, and monitoring performance using LogRocket and Log Explorer.
- Working with cross-functional teams on AI solutions, maintained source code, and contributed to CI/CD pipelines using GitHub Actions.

RESIDENT ASSISTANT   June 2023 – July 2024

Texas A&M University Texarkana

- Built personal relationships with residents and fostered a positive community by resolving conflicts and facilitating group dynamics.
- Ensured the safety and security of the residence hall by conducting rounds and enforcing university policies.
- Planned and executed community events to promote engagement and support residents' academic and personal growth.

IT SERVICE DESK ASSISTANT   January 2022 – July 2022

Redeemed Christian Church of God

- Provided technical support to church staff and members, troubleshooting hardware, software, and network issues.
- Managed and maintained IT systems, ensuring smooth operation during services and events.
- Assisted in setting up multimedia equipment for live streaming and presentations.

EDUCATION

University of Texas at Tyler   Expected Graduation – May 2026

Bachelor of Science – Computer Science   GPA: 3.88

SKILLS

- Programming languages: Python, Java, JavaScript, C++
- Data Analysis: MySQL, MS SQL, Microsoft Excel, Tableau
- Frontend: HTML/CSS, JavaScript, React
- Prototyping: Figma

PROJECTS

LIVE WEATHER FORECAST   November 2024

- I identified a need for a user-friendly tool to provide users with accurate global and real-time weather information.
- Developed a program with a graphical user interface (GUI) to retrieve and display real-time weather data.
- Integrated the application with the AccuWeather API to fetch live weather updates and designed an intuitive GUI where users input a city name to view the day, time, weather status, and temperature.
- Delivered an application that simplified access to weather information, enhancing user experience and accessibility.

PERSONAL PORTFOLIO WEBSITE | Github   February 2025

- Built using HTML, CSS, and JavaScript, the website provides a professional yet creative platform to highlight my achievements, including academic accomplishments, work experience, and personal projects.
- It features an interactive and responsive design, ensuring an engaging user experience across all devices.
- This portfolio website showcases my skills, projects, and experiences as a computer science student and Software Engineer.

TO-DO LIST GRAPHICAL USER INTERFACE | Github   November 2024

- The application allows users to manage their daily tasks by adding tasks to a list and deleting them once they are completed.
- This project is a simple, user-friendly GUI application built using Python's CustomTkinter library.
- The application features a minimalist design with buttons and a task list for easy task management.
- Delivered an application that simplified access to weather information, enhancing user experience and accessibility.

3D INTERACTIVE WEB VISUALIZATION TOOL   January 2025

- Addressed the demand for real-time, collaborative 3D visualization tools for interactive presentations and design projects
- Developed a web-based tool capable of rendering, animating, and manipulating complex 3D objects in real time.
- Utilized WebGL and GLSL for smooth real-time 3D rendering and animations, Angular for a dynamic user interface, and TypeScript for maintainable development. Integrated Node.js to enable multi-user collaboration features.
- Delivered an advanced visualization platform that supported seamless real-time collaboration and enhanced user productivity in design and presentation workflows.

RELEVANT COURSES

C++ Programming	Computer Security	Database & Systems Design
Python Programming	Systems Analysis & Design	Web & UI Design