

# MELODY NNADI

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## PROFESSIONAL SUMMARY

Computer Science major with programming experience in multiple languages, eager to learn new technologies and tackle difficult problems.

## 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, Microsoft Excel
- Frontend: HTML/CSS, JavaScript, React
  - Prototyping: Figma

## WORK EXPERIENCE

IT SERVICE DESK

January 2022 – July 2022

Redeemed Church, Port-Harcourt, Nigeria

- 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.

RESIDENT ASSISTANT

June 2023 – July 2024

Texas A&M University Texarkana, TX

- 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 enforced university policies.
- Planned and executed community events to promote engagement and support residents' academic and personal growth.

## PROJECTS

LIVE WEATHER FORECAST

November 2024

- I identified a need for a user-friendly tool to provide users with accurate and real-time weather information globally.
- 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.

PASSWORD GENERATOR GUI APPLICATION

May 2024

- Recognized the need for users to create secure, customizable passwords for personal and professional accounts.
- Designed and built a Python-based application to generate secure passwords tailored to user-defined requirements.
- Implemented a GUI using Tkinter, enabling users to specify criteria such as length, complexity, and inclusion of uppercase letters, lowercase letters, numbers, and special characters. Added a copy-to-clipboard feature for convenience.
- Produced a reliable tool with a user-friendly interface, empowering users to create secure passwords effortlessly.

PERSONALIZED TO-DO LIST WITH USER THEME SELECTION

January 2024

- Designed and developed a responsive to-do list web application using Figma for UI prototypes and HTML, CSS, and JavaScript for implementation.
- Enabled dynamic task management and customizable themes with light, dark, and custom modes, ensuring cross-device compatibility.
- Improved user engagement with an intuitive interface and saved preferences using local storage.

## RELEVANT COURSES

C++ Programming

Computer Security

Database & Systems Design

Python Programming

Systems Analysis & Design

Web & UI Design