MELODY NNADI

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Education

University of Texas at Tyler — Sep. 2022 – May 2026
Bachelor of Science in Computer Science — *Tyler, TX*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Net-Centric Computing
- Database Management
- Internet Technology
- Computer Architecture

Experience

RideAlong — Oct. 2023 – Present
Founder & CEO — *Tyler, TX*

- Founded a long-distance ridesharing platform for university students; led product strategy, architecture, and development.
- Built a multi-platform ecosystem (Rider, Driver, Admin, Web) using React, React Native, Firebase, and Stripe.
- Implemented verification systems including document OCR, license/insurance checks, student email validation, and risk flags.
- Developed end-to-end payments, driver payouts, authentication, and automated email/push notification flows.
- Oversaw UI/UX, roadmap planning, branding, and beta testing with students across multiple campuses.

NacSpace (Elliott Electric) — June 2025 – Present
Software Developer Intern — *Nacogdoches, TX*

- Developing internal mobile apps using VB.NET, C#, .NET MAUI, and SQL for company-wide operational workflows.
- Built UI pages, fixed API issues, and resolved Android/Windows build bugs including NullReference and ABI mismatches.
- Improved service-layer logic for search, data retrieval, and emulator testing across multiple environments.
- Collaborated with senior engineers using Git, TFS, GitHub, and CI/CD pipelines.

Reality AI Lab — Jan. 2025 – May 2025
Software Developer Intern — *Remote*

- Developed AI-powered education and career tools using ReactJS, Node.js, and Python.
- Deployed microservices on Google Cloud Run with Firestore, Redis, and Firebase Realtime DB.
- Performed testing, debugging, and monitoring using LogRocket and Google Cloud Log Explorer.
- Supported CI/CD automation through GitHub Actions and collaborated with cross-functional teams.

Projects

ProdigyPM – AI Product Management App | React Native, Firebase, OpenAI API — Nov 2025

- Built an AI-driven mobile app that automates PRDs, backlog generation, prioritization, and sprint planning.
- Integrated OpenAI for user stories, research summaries, personas, and GTM documentation.
- Developed Firebase-based real-time collaboration with Auth, Firestore, Cloud Functions, and notifications.

Smart Inventory Tracking System | Python, Flask, SQL, RFID/Barcode — 2024

- Created a full-stack system for real-time inventory tracking using RFID/barcode scanning.
- Built REST APIs for item lookups, check-ins/outs, audit logs, and automated discrepancy alerts.
- Designed SQL schemas, role-based access, and a dashboard for asset visibility and reporting.

Technical Skills

Languages: Python, Java, JavaScript, C++, SQL, C#, VB.NET
Frontend: React, HTML/CSS, React Native, Angular
Backend & Cloud: Node.js, Firebase, Firestore, Google Cloud Run, Redis
Tools/Frameworks: .NET MAUI, Git, GitHub, VS Code, Android Studio, LogRocket, Postman, CI/CD
Design: Figma, UI/UX, Wireframing