

Project Title

NeoEmployee

Year

2024

Role

Class Work
Group Assignment
Front-End Developer

Tech used

Android Studio
Kotlin & Java
PHP (Laravel)
Node.js
Firebase
Figma

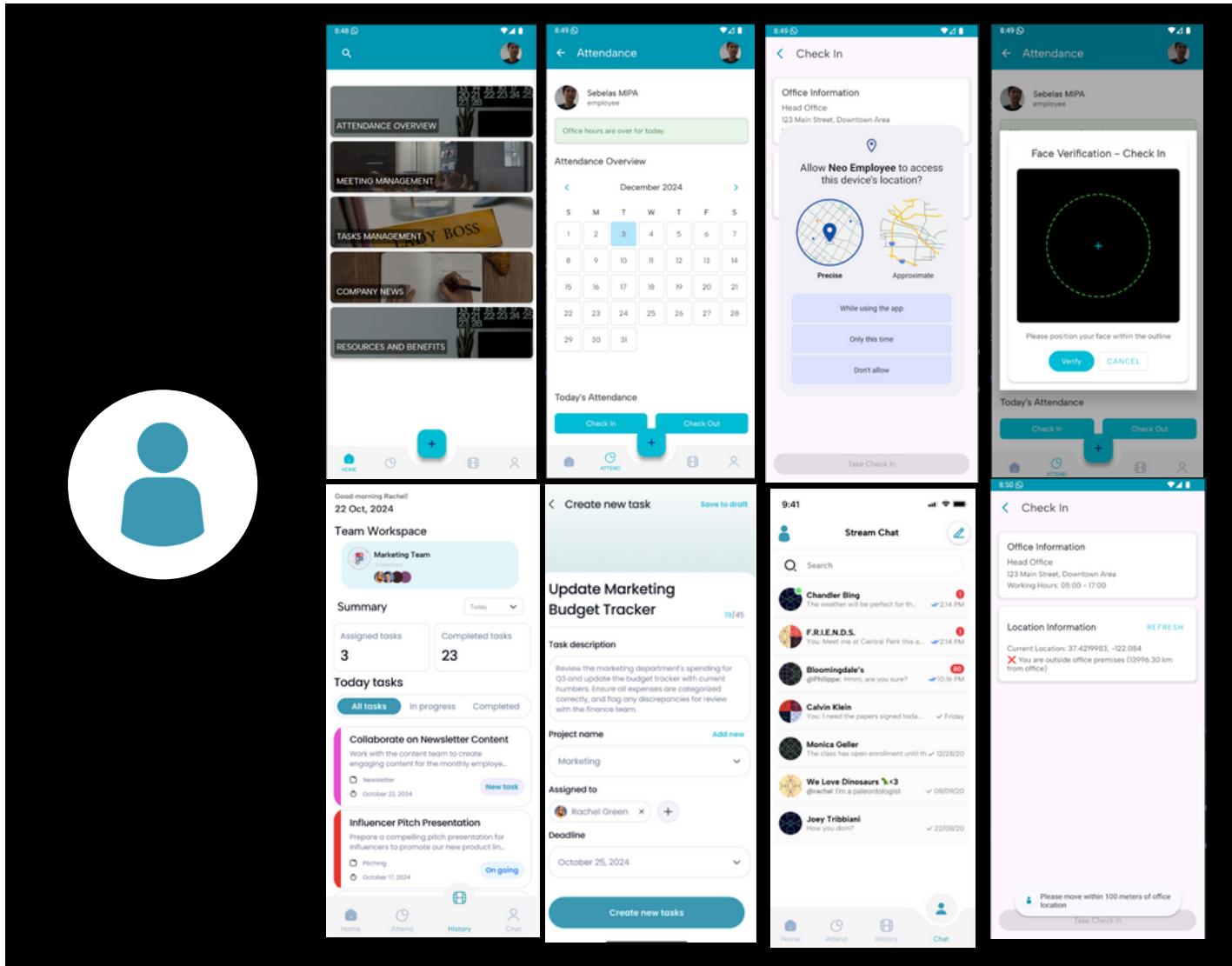
Link

[Github Link](#)
[Figma Link \(UI\)](#)

Project Description (Class Work - Group Project)

Project 1 of 5

An all-in-one employee management solution developed as part of a class group project, combining a mobile app and web dashboard to streamline tasks like GPS-based attendance, task tracking, and internal communication. I was responsible for designing and building the mobile interface, where I significantly improved team productivity by ensuring seamless user experience, through this, I gained valuable experience in collaborating with a cross-functional team, translating user needs into functional designs, and managing real-world development challenges from planning to deployment.



Full Name
Jennifer

University
University of Arizona & Sampoerna University
(Sem 6)

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Portfolio Submission for
Apple Developer Academy
Cohort 2026

Project Title

myBookSpace

Year

2025

Role

Full Stack
Developer

Tech Used

Javascript
HTML
Tailwind CSS
CSS
Firebase
Groq AI
Open Library API

Link

[myBookSpace](#)
Website

[Github Link](#)



Full Name
Jennifer

Project Description (Self-initiated - Individual)

A personalized, AI-integrated web app for book lovers, allowing users to log and track their reading, get smart book recommendations, and connect with others through social features like friends and activity feeds. Through building it, I deepened my skills in full stack development, Javascript, API integration, and responsive frontend design while learning to manage real-time data, backend, and AI-enhanced user experiences

Project 1 of 5

The image displays a 3x3 grid of screenshots from the myBookSpace website, illustrating its key features:

- Home Screen:** Shows the tagline "Where stories find their space." and a featured book cover for "The Girls Who Crew Big" by Leila Wottley.
- Welcome Screen:** Personalized message "Welcome back, DJJENNINN!" followed by a summary of reading stats: Books Read (2), Currently Reading (2), and Want to Read (7).
- My Book Collection:** A dashboard showing lists of books categorized by status: Want to Read, Currently Reading, and Finished. Each entry includes a small thumbnail, the book title, author, and a "Edit Status" button.
- Discover Your Next Great Read:** A section where users can input their favorite genres or authors to receive personalized recommendations. It shows a list of recommended books like "How to Win Friends and Influence People" by Dale Carnegie and "Attack on Titan, Vol. 1" by Hajime Isayama.
- Your Personalized Recommendations:** A section titled "Friends & Feed" showing a list of recommended books based on user preferences.
- Friends & Feed:** A social feed where users can share their latest book thoughts, discoveries, or cozy reading moments. It shows posts from a friend named "partypu".
- Add a New Book:** A search interface for finding books by title, author, or ISBN.
- Get in Touch:** Contact information including email (jenniferwachinaemere@gmail.com) and social media links for Facebook and Instagram.
- Join the Community of Readers:** A call-to-action to sign up for the service.

University

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Portfolio Submission for
Apple Developer Academy
Cohort 2026

Project Title
Spectroscopy GUI

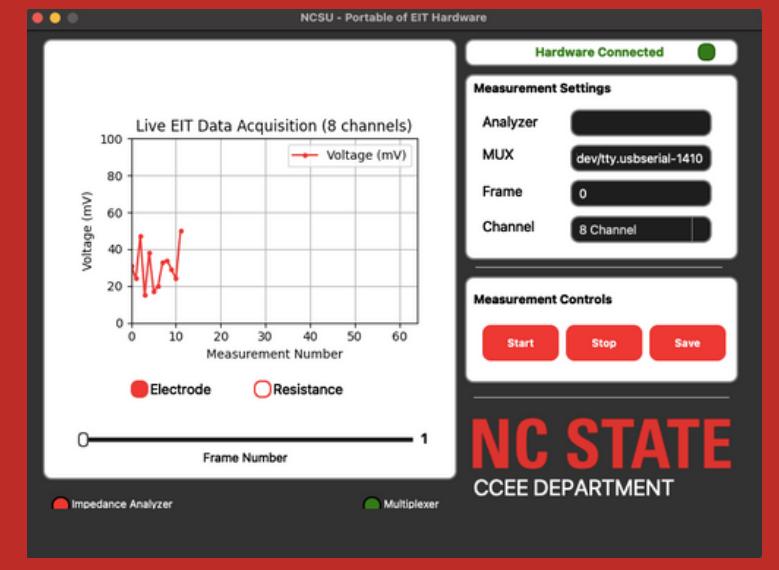
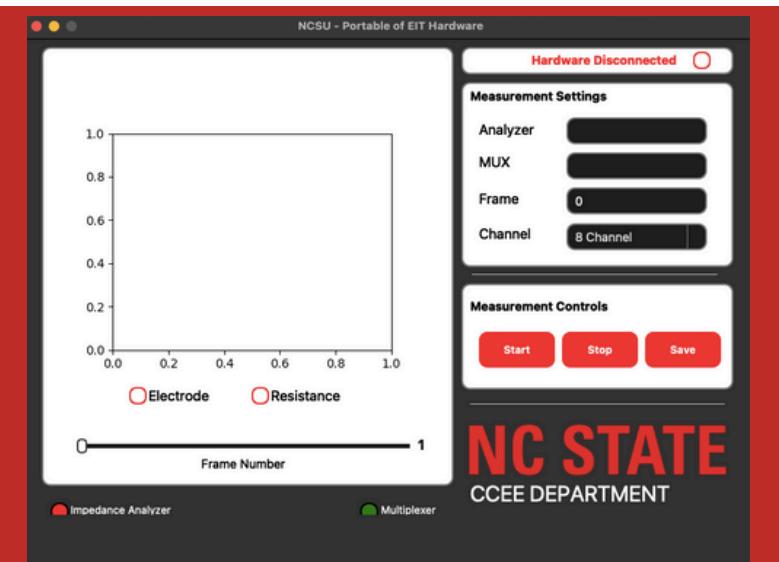
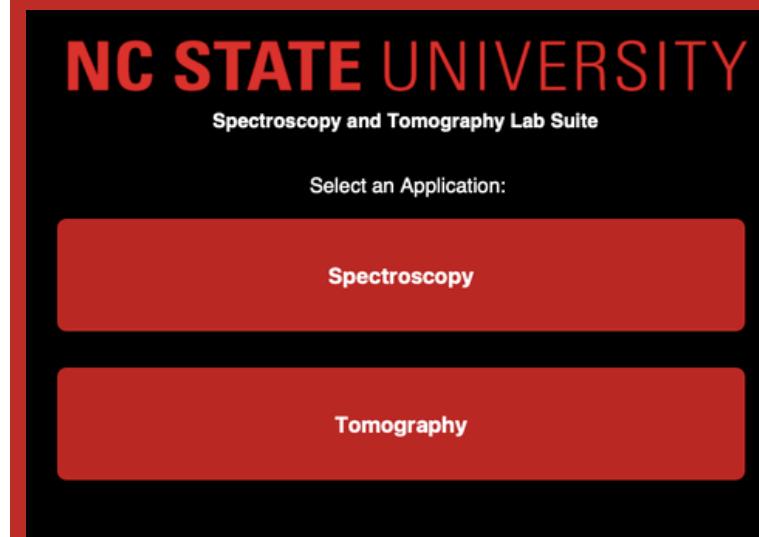
Year
2025

Role
Desktop GUI Developer

Tech Used
Python
Qt Designer
Spyder
Anaconda

Project Description (Internship - Individual)

Designed and implemented real-time data acquisition GUIs for the Impedance Analyzer hardware at North Carolina State University's CCEE Department using Qt Designer and Python. The interface featured live data plotting, hardware connection detection, and user-friendly controls, all tailored to meet the branding and functionality requirements.



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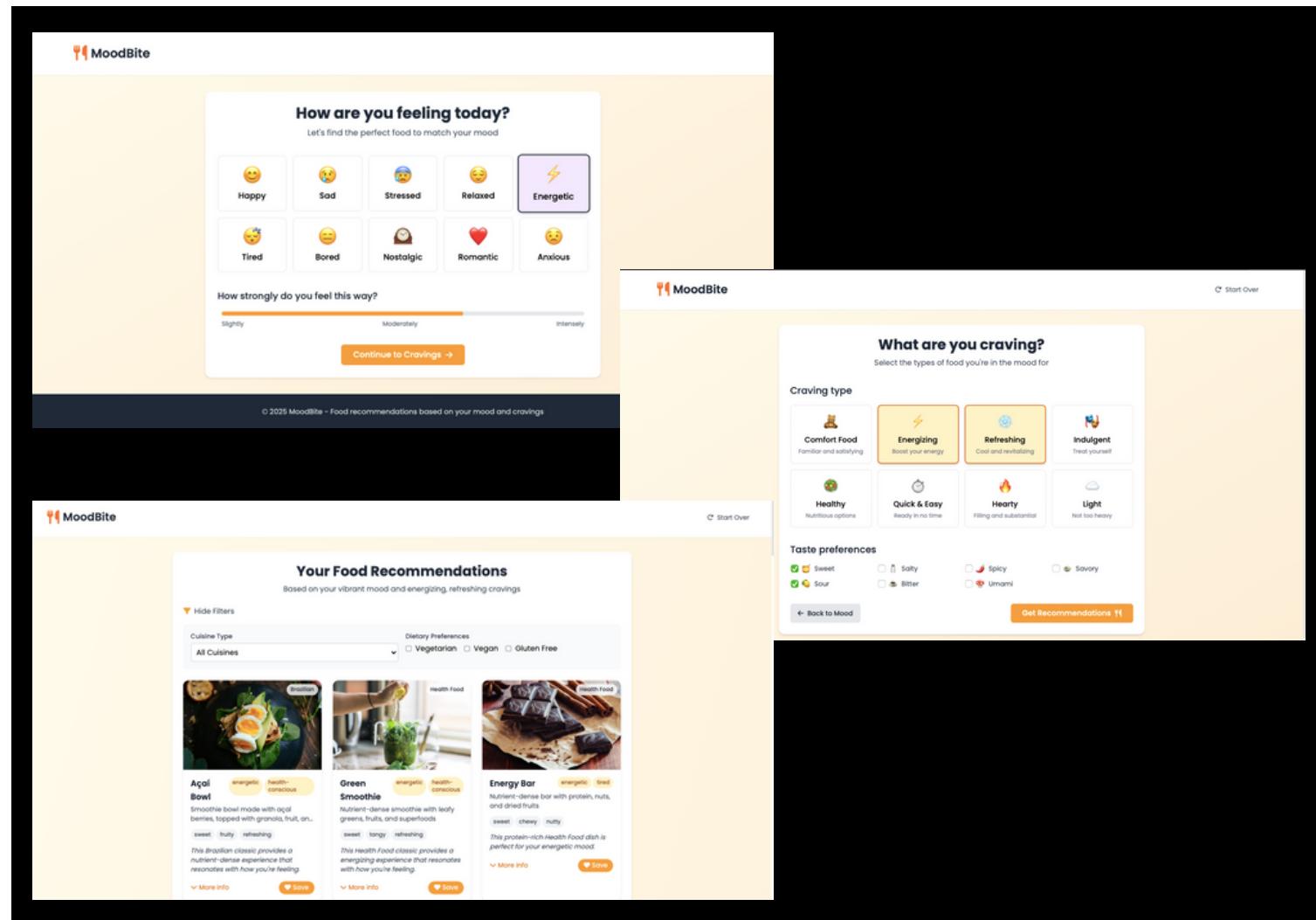
Portfolio Submission for
Apple Developer Academy
Cohort 2026

Project Title**MoodBite****Year**

2025

RoleFull Stack
Developer**Tech Used**React
Javascript
Tailwind CSS
Unsplash (Image API)**Link**[Github Link](#)**Project Description (Self-initiated - Individual)**

MoodBite is a mood and craving-based food recommendation web app designed to help users decide what to eat by matching emotional states with curated food suggestions. Built because I'm quite indecisive when it comes to food, so I made something fun for me to pick my breakfast/lunch/dinner/snack during the day, this was the first time I learned react, so the UI is quite plain but I gained hands-on experience in turning emotional input and user context into a seamless, algorithm-driven recommendation flow that emphasizes user experience and personalization.

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