

Marlvin Goremusandu

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EDUCATION

Jackson State University

Computer Science

GPA: 3.96

May 2022 – May 2026

Jackson, MS

- **Relevant coursework** - Object-Oriented Programming(OOP), Calculus I,II,III, Discrete Mathematics, Data Structure, and Algorithms,Data Analytics.
- **Technical Skills** - Python, C++, SwiftUI, Java, React, ML, Microsoft Azure Cloud Services,OCI ,MySQL,Agile Methodologies,JavaScript
- **Certifications**- Microsoft Azure Fundamentals(AZ-900), Intro to IOS Mobile Development(META), Oracle Database Management, Oracle MySQL Explorer
- **Honors**- HBCU 20x20 Hackathon(first place),Presidential list x3, American Airlines Hackathon(2nd place),GEICO/NSCS Scholarship recipient

PROFESSIONAL EXPERIENCE

Software Engineer Intern

Oracle

May 2024 – Aug 2024

Redwood City, CA

- Developed an API-integrated notification system to check for and display work requests in real-time, improving operational efficiency and response times.
- Engineered an SSH management feature in the DevOps UI, allowing seamless copying of SSH credentials with all complexities handled, streamlining secure access to cloud resources.

Software Engineer Intern

DriveOhio

May 2023 – Jul 2023

Columbus, OH

- Spearheaded development of an AI assistant prototype using Next.js, SHADCN, Tailwind, and React, influencing a crucial contract bidding proposal.
- Collaborated with teams for alignment, with 87% of evaluators praising its user experience and functionality.

Google Techwise Fellow

Google

Feb 2023 – present

Virtual

- Acquired comprehensive software development skills, specializing in Python and C#, and scripted the start and finish lines in Unity for a game project.
- Acquired web development skills in frameworks such as Vite through hands-on experience and training.

PROJECTS

AI Course Generator

- Developed a web-based, AI-powered course generator using Next.js and TypeScript to create personalized learning paths
- Utilized LLMs API calls to generate course prompts and the YouTube API to embed relevant video content.

SwiftUI Application 'Expenses Tracker'

- Developed an IOS application 'Expenses Tracker' to manage personal finances, offering features to calculate, track, and visually represent user spending.
- Leveraged Swift and REST API for seamless data fetching and storage, and used JSON for effective data interchange.

Azure Blob Auto-Transfer Tool

- Crafted a Python utility to automate data migration from local directories to Azure Blob Storage, ensuring efficient and consistent data transfers.
- Utilized Python (v3.6+), Azure Blob Storage, and the azure-storage-blob package, with added features for advanced error handling, comprehensive logging, and nested subdirectory file support.

ORGANIZATIONS

Microsoft Teals

Volunteering as a Computer Science Teaching Assistant at Provine High School, instructing 35 students in programming fundamentals