EMMANUEL CHINYEREM ONUOHA

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EDUCATION

The University of Houston	Bachelor of Science, Computer Science Math & Major GPA: 3.74 Minor: Mathematics	Expected December 2022

Developer Tools: Git, Source Tree, Postman, Xcode, VScode, SQL workbench
Languages: Swift, Python, Java, C++, SQL, HTML/CSS, JavaScript, SQL
Frameworks: SwiftUI, Django, Express
Honors: Dean's List (x3), AED Honor Society, National Society Black Engineers

WORK EXPERIENCE

American Airlines – Dallas-Fort Worth Metroplex   June 2021 - Present
iOS Developer Engineer Intern (June 2022 - Current)
- Works on Fly / Check-In on the mobile app fixing user reported bugs and updating swift storyboards to swiftUI
- Partners with Backend engineers to deliver our product while following agile software development practices
- Collaborates with product owner to turn business and client requirements into well-formatted user stories

Backend Software Developer Engineer Intern (June 2021 - May 2022)
- Creates new and maintains current applications, including but not limited to, feature enhancements and performance tuning in the Reissue Orchestration Layer
- Researches and implements new technology to enhance current processes, security, and performance
- Troubleshoots and debugs complex issues; identifies and implements solutions

LEADERSHIP EXPERIENCE & ACTIVITIES

Portfolio Website - https://econuoha.github.io   April 2021 - Present
- Learned web development skills individually through Codecademy
- Built a responsive website using only HTML/CSS & JavaScript showcasing the knowledge learned on Codecademy

TSA Tracker iOS App - https://github.com/econuoha/TSA-Tracker-iOS15 / YT-DEMO   June 2022
- Utilized SwiftUI in order to create a user-friendly input interface
- Created a TSA tracking app that uses real-time TSA airport data from an API to produce an application for users to see wait-times before they enter the airport.

Fuel Quote Form - https://github.com/econuoha/FuelQuote-FullStack   Feb - May 2022
- Resourced JavaScript, NodeJS Express, EJS, and mySQL to create a full-stack application
- Used supertest to generate code coverage across the files totaling to 94%

MRI Acquisition Simulator - https://github.com/econuoha/medical-imaging-project   December 2021
- Medical Imaging Project made in MATLAB uploaded to github with proper versioning control
- Created an application that performed reconstruction of raw images into MRI images based on samples of the frequency domain or k-space

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the U.S. with no restrictions
Interests: Fantasy Football, NFL, Finance, Stock Market, Full Stack, Backend, iOS Development, Chess, Volunteering