EMMANUEL CHINYEREM ONUOHA

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EDUCATION

The University of Houston　　　　Bachelor of Science, Computer Science　　　　Expected May 2023
　　　　　　　　　　　　　　　　Minor: Mathematics

Honors: Dean's List (x3), AED Honor Society (2-yr Elected Officer), National Society of Black Engineers
Developer Tools: Git, Source Tree, Postman, Xcode, VScode, SQL Workbench, Charles
Languages: Python, Swift, Java, C++, SQL, HTML/CSS, JavaScript
Frameworks: SwiftUI, UIKit, Django, Express

WORK EXPERIENCE

LinkedIn – San Francisco, California　　　　　　　　　　　　　　　　September 2022
Incoming Mobile Engineer Intern (September 2022)

American Airlines – Dallas/Fort-Worth, Texas　　　　　　　June 2021 - September 2022
iOS Developer Engineer Intern (June - September 2022)
- Worked in Fly / Check-In on the mobile app, fixed user reported bugs, and updated swift storyboards to swiftUI
- Partnered with Backend engineers to deliver our product while following agile software development practices
- Collaborated with product owner to turn business and client requirements into well-formatted user stories

Backend Software Developer Engineer Intern (June 2021 - May 2022)
- Created new and maintained current applications including feature enhancements and performance tuning
- Researched and implemented new technology to enhance current processes, security, and performance
- Troubleshooted and debugged complex issues; identified and implemented solutions

PERSONAL PROJECTS

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

TSA Tracker iOS App - https://github.com/econuoha/TSA-Tracker-iOS15 / YT-DEMO　　　July 2022
- Utilized SwiftUI in order to create a user-friendly input interface that uses real-time TSA airport data from an API

Chat Room iOS App - https://github.com/econuoha/MessagingApp-iOS13　　　　　June 2022
- Constructed a chatroom using Swift UIKit for the frontend and Google firebase for the backend
- The chat room allows users to register and login swiftly with input validation and chat cross-platform

Fuel Quote Form - https://github.com/econuoha/FuelQuote-FullStack　　　February - 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 app that reconstructed raw images into MRI images based on frequency domain samples

Loan Payment Scheduler - https://github.com/econuoha/LoanPayment　　　　October 2020
- Made use of Java in order to create a calculator that computed necessary loan payment amounts per month

ADDITIONAL INFORMATION

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