

## EMMANUEL CHINYEREM ONUOHA

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### EDUCATION

<b>The University of Houston</b>	Bachelor of Science, Computer Science Math & Major GPA: 3.80 Minor: Mathematics	Expected December 2022
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**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

**Languages:** Python, Swift, Java, C++, SQL, HTML/CSS, JavaScript, SQL

**Frameworks:** SwiftUI, UIKit, Django, Express

### 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 feature enhancements and performance tuning
- Researches and implements new technology to enhance current processes, security, and performance
- Troubleshoots and debugs complex issues; identifies and implements solutions

### PERSONAL PROJECTS

**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

**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
- This TSA tracking app is an application for users to see wait-times and delays before they enter the airport.

**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> 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 app that reconstructed of 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 computes 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, Full Stack, Backend, iOS Development, Chess, Volunteering