

EMMANUEL CHINYEREM ONUOHA

emanonuoha@gmail.com

<https://github.com/econuoha>

<https://linkedin.com/in/econuoha>

EDUCATION

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

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

Loan Payment Schedule Calculator - <https://github.com/econuoha/LoanPayment> July 2020

- Utilized Java Swing in order to create a user-friendly input interface
- Created a calculator that accurately computes necessary loan payment amount per month considering interest rate, monthly interest rate, and monthly payments

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