

EMMANUEL CHINYEREM ONUOHA

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<https://github.com/econuoha>

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EDUCATION

The University of Houston	Bachelor of Science, Computer Science Math & Major GPA: 3.74 Minor: Mathematics	Expected December 2022
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Relevant Coursework: Fundamentals of Software Engineering, Algorithms and Data Structures

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

Honors: Dean's List (x2), AED Honor Society

WORK EXPERIENCE

American Airlines – Dallas-Fort Worth Metroplex	June 2021 – August 2022
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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

Incoming Mobile App Software Engineer Intern (June 2022 - August 2022)

LEADERSHIP EXPERIENCE & ACTIVITIES

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

MRI Acquisition Simulator –	December 2021
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- Medical Imaging Project made in MATLAB
- 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 –	July 2020
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- 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

Alpha Epsilon Delta Pre-Health Honor Society –	May 2019- April 2021
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Director of Reporting (May 2019 - April 2020)

- Facilitated shadowing experiences and an Ultrasound clinic with Texas Children's Hospital for over 30 members
- Provided over 3000 hours of volunteering and medical clinic experiences to the members in the Fall 2019 semester

External Affairs Director (May 2020 - April 2021)

- Maintained an accurate account of all financial transactions of the chapter for any external activities
- Oversaw the logistics of the annual medical brigade and semesterly out-of-city tours

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the U.S. with no restrictions

Interests: Fantasy Football, NFL, Finance, Stock Market, GUI, Full Stack, Backend, App Development