

Emmanuel Farayibi

notifyemmanuel@gmail.com | Dallas, TX | +1 (609)-997-8085

EDUCATION & HONORS

University of Texas at Arlington, College of Engineering

Arlington, TX

Bachelor's in Computer Science (BSCS)

August 2023

- Relevant Coursework: Calculus, Data Science, Embedded Systems, Operating Systems, Probability & Statistics
- Maverick Academic Scholarship (Tuition awarded per year for 4 years with 3.0 GPA requirement)

SKILLS & EXPERTISE

- **Programming Languages:** C/C++, Python, R, HTML, CSS, JavaScript, Java, Kotlin, Swift, MySQL, NoSQL
- **Framework/Tools:** Git, Spark, Node.js, React.js, React Native, MongoDB, APIs
- **Misc. Expertise:** DS pipeline (scraping, cleaning, visualization, modeling, interpretation), A/B & ETL testing

PROFESSIONAL EXPERIENCE

Loopback Analytics

Dallas, TX

Data Analyst Intern

May 2021 - August 2021

- Utilized python to implement unsupervised machine learning techniques for time series anomaly detection on over 5TB+ of unstructured data, which reduced total process time by 20%.
- Visualized, manipulated, and analyzed models and big data sets using Python and R, summarizing findings in short bi-weekly presentations utilizing PowerPoint, Excel, and Tableau for engaging visuals.
- Worked closely with clientele on occasion to assist in understanding customer data and effective use of their generated data.

MathWorks

Remote

Software Engineering Intern

May 2020 - August 2020

- Utilized MATLAB and C++ to identify cost-effective pandemic intervention strategies and business solutions.
- Boosted company & team productivity by building and automating python scripts for repetitive background tasks.
- Presented results to team's global head and wrote requested executive summary detailing value proposition and strategy to present to end clients and senior leadership.

PROJECTS

Coaster Life (GitHub: [Android](#))

2021 - 2022

Android Social Media Application for Park & Roller Coaster Enthusiasts

- Worked intimately with 2 colleagues to develop the location based social media application in Java for Android.
- Surveyed class of 30+ students for user feedback and ideas which positively affected user stories implemented.
- Pitched application weekly for last month of development to social media venture capitalists for funding.

Flix (GitHub: [iOS](#), [Android](#))

2021

Android & iOS Applications for Movie Recommendations

- Created and documented cross platform application layout using Figma and Markdown.
- Utilized python for web scraping with official IMDB APIs and JSON parsing to personalize movies suggested.
- Implemented in Swift and Kotlin for native support and implemented retrieval algorithms that minimize run time.

Tip Calc. (GitHub: [iOS](#))

2020

iOS Application for Calculating tips

- Designed overall app layout, implemented interactive and intuitive UI & UX and deployed on App Store.
- Utilized agile methodology for continuous development and maintenance of the application's public releases.

LEADERSHIP

Cofounder

ChatAppGroup (GitHub: [iOS](#))

August 2021 - Present

- Designed overall app concept/layout, delegated tasks, helped teammates debug & organized meetings.
- Led team of 5 students to create an iOS app with Swift which was pitched to CodePath for demo day competition.

Teaching Assistant

Intro to Engineering (ENGR 1250)

January 2020 - May 2020

- Collaborated with instructor and 3 other TAs to grade coursework, lead recitations, and explain MATLAB code.
- Taught students how to tackle problem sets in weekly office hours and additional one-on-one tutoring via Teams.

GitHub: <https://github.com/courierofcode> | LinkedIn: <https://linkedin.com/in/emmanuelfarayibi>