UDOCHUKWU AMAEFULE

346-349-8077 | ud.amaefule@gmail.com | linkedin.com/in/udochukwu-amaefule | github.com/UDsGitHub

EDUCATION

University of Houston   Aug 2021 – May 2023
Bachelor of Science in Computer Science   **Cumulative GPA:** 4.00

Houston Community College   Jan 2020 – Aug 2021
Associates of Science in Computer Science   **Cumulative GPA:** 4.00
Coursework: Data Structures, Database Systems, Computer Architecture, Operating Systems, Digital Image Processing

EXPERIENCE

Paycom | Software Development Intern   May 2022 – Aug 2022
Material UI Rewrite
- Redesigned Material UI components using **React** and **Typescript** to reduce the overhead of refactoring components upon updates
- Developed **30+** UI components from scratch removing dependence on external libraries by **20%**
- Presented demo to CIO and **100+** developers

Codeathon
- Designed a time tracking and reporting tool using **React** styled with **Tailwind CSS** for organizing a team's Agile sprints
- Handled task logging and creation with CRUD operations in **C#** and **MySQL** placing **top 3** at company hackathon

NASA (KBR Contractor) | Software Development Intern   Jan 2022 – May 2022
- Modernized ISS dashboard for crew members using **React** and **ASP.NET** to provide ease of access to crew member applications
- Remodeled the web application to be modular and scale-able using reusable components with dynamic content

PROJECTS

Music Library | Full Stack Web Application   April 2022
- Worked with a team to develop a music library web application for listening, storing, and organizing music, where I handled the front-end of the application using **ASP.NET** razor pages and **Bootstrap**
- Utilized **MVC** design pattern to separate concerns and maintain single responsibility principle
- Created table triggers and stored procedures for creating reports using **SQL**

Time Tracking Dashboard | MERN Stack Application   Dec 2021
- Built a dashboard application for tracking hours on various activities using **MongoDB**, **Express**, **React**, and **Node** with a **Heroku** hosted back-end
- Created a CRUD API server using Express and Node to communicate with a MongoDB database cluster
- Designed a responsive grid layout for the front-end of the application using CSS Grid and **SASS** for dynamic styling

Blogr Landing Page | Responsive Landing Page   Jan 2022
- Developed a landing page from a design using **React** and **TailWind CSS**
- Designed responsive layout for all screen sizes with drop down navbar menus, smooth transitions, and dynamic picture elements

SKILLS

Languages	Python	C++	Javascript	HTML/CSS
Frameworks/Libraries	React	Node	Express	OpenCV	Numpy

EXTRACURRICULAR ACTIVITIES

Cougar CS | Webdev Team Leader   Jan 2022 – Present
- Mentored a team of students to create web applications
- The recent project was a React Linktree clone website

National Society of Leadership and Success | Member   Sep 2020 – Dec 2020
- Attended seminars on leadership and success by Matthew McConaughey, Jack Black and others
- Tracked each others weekly goals as members to keep ourselves accountable