OGOCHUKWU ANAYOR-ACHU

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# OBJECTIVE



# Results-driven Computer Science student enthusiastic about applying technical skills and creative problem-solving abilities to drive innovation. Seeking a summer internship opportunity to contribute to cutting-edge projects and make a meaningful impact in the field.

# EDUCATION



**University of Houston, Houston TX**

Bachelor of Science in Computer Science December 2024

GPA: 3.5

# RELEVANT COURSEWORK



* Data Science II (Python)
* Database Systems
* Data Structures and Algorithms
* Introduction to Artificial Intelligence.

# TECHNICAL SKILLS



* Languages and Technologies: Python, C++, Java, JavaScript, HTML/CSS, MySQL, React, MongoDB, Git CLI.
* LinkedIn Certification in Introduction to Data Structures & Algorithms and Object-Oriented Programming using Java.

# PROFESSIONAL EXPERIENCE



**Mathematics Tutor, Houston Community College** January 2022 - August 2022

* Tutored 60+ students in advanced Math courses, resulting in improved academic performance and increased confidence in the subject.
* Worked with students individually and in groups to review quiz and exam results, providing feedback and guidance to enhance comprehension.

# PROJECTS



**RecipeAuth** February 2024 – February 2024

* Developed a web application employing the MERN (MongoDB, Express.js, React.js, Node.js) stack, enabling users to manage and share recipes securely.
* Implemented JWT (JSON Web Tokens) authentication to authenticate users and authorize access to protected routes, enhancing the application's security and user experience.

**Coin Recognition Model (Machine Learning Project)** June 2022 - August 2022

* Applied the concept of Neural Networks and some Machine Learning Algorithms using Python libraries like TensorFlow to train a model that recognized different coin denominations.
* Trained the model on diverse datasets containing images of various coin denominations to ensure robust recognition.
* Implemented preprocessing techniques to enhance the quality of the input data, contributing to the model’s accuracy.
* Conducted thorough testing and validation, achieving a high level of accuracy in identifying different coin denominations.

# LEADERSHIP EXPERIENCE



**National Society of Black Engineers-International Student Committee Chair** Aug 2023-Present

* Coordinated UH-NSBE events for international students providing them with a community to network and learn more about their status and available opportunities.
* Shadowed the International student chair and raised awareness about NSBE in my college.



# COMMUNITY SERVICE

* Organizer, Computer Science Association- Houston Community College Jan 2022-Aug 2022
* Volunteer- University of Houston, Cullen College of Engineering February 2023