

MARY NNODEBE

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EDUCATION

UNIVERSITY OF HOUSTON

Bachelor of Science

Major in Computer Science (Honors) Concentration: Software Developer

Cumulative GPA: 3.1/4.0

Relevant Coursework: Data Analysis, Operating Systems, Algorithms, Artificial Intelligence, Cloud Computing, and Machine Learning

Houston, TX

Expected Graduation: May 2027

WORK EXPERIENCE

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Discrete Mathematics Teaching Assistant (University Of Houston)

Houston, TX

Oct 2023 – Present

- Lead recitations for weekly classes and hold office hours for individual work with the students.
- Managed a class of 600+ students while grading weekly assignments and exams.

HiiT PLC

Data Analyst Intern

Lagos, Nigeria

May 2022 – August 2022

- Designed and developed the user interface of a website using HTML, CSS, and JavaScript, which improved user satisfaction by 23%.
- Learned various design patterns, their implementation, and their impact on user satisfaction.
- Collaborated with other interns to provide a final presentation to a management team.

UNIVERSITY PROJECTS

SOUND & RYTHM - MUSIC DISCOVERY APP

- Collaborated with a 3-person team to develop a music discovery application during a 3-day hackathon using Python
- Implemented a recommendation engine enabling users to discover new music based on 50+ data points
- Received recognition for the most innovative project from a Spotify engineer.

SMARTCITY - INTELLIGENT URBAN INFRASTRUCTURE

- Engineered and deployed a state-of-the-art intelligent urban infrastructure in a collaborative 4-person team using Python and IoT technologies.
- Awarded First Prize in Engineering Innovation Showcase (out of 80 teams).
- Managed challenges related to data scalability, demonstrating adaptability to complex projects.

ACTIVITIES

TOWER OF REFUGE ORPHANAGE/MOTHERLESS BABIES HOME

Event Planner for the Less Privileged

Lagos, Nigeria

Sep 2020 – Dec 2020

- Scheduled and organized trips to aid and support children in Arrows of God Orphanage and
- Down Syndrome Foundation in Lagos, Nigeria.
- Launched a long-term farm project that generates 450,000+ naira yearly to help the less privileged.

SKILLS

Languages: Python, Java, C, JavaScript, SQL

Tools: Git, Visual Studio Code, Docker, IntelliJ IDEA, PyCharm, Excel, Powerpoint, Excel, MySQL, Postman, AWS

Certifications & Training: Online Course in Coding for Everyone: C and C++ Specialization (UCSC)

Concepts: Object-Oriented Programming, Data Structures and Algorithms, Projects and Design, Agile, Discrete Mathematics, Linear Algebra

Non-technical: Presentation, Oral and Written Communication, Planning, Retrospective, Team building