Nnadi Praise

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As a self-driven and highly motivated graduate in Robotics with a budding background in computer science and artificial intelligence, I am seeking a computer science, robotics or data science internship position. My educational background and experience in programming, coupled with a passion for learning and technology, make me a valuable candidate for this role.

Education

Master of Science in Computer Science (Artificial Intelligence) (2023 - Present)

- University of Nottingham.
- Expected Graduation: 2025
- Predicted Grade: First Class.

Bachelor of Engineering (Hons) in Robotics (2018-2021)

- University of Plymouth.
- Degree Classification - 2:1

A-levels (Maths - A, Further Maths - A, English - B, Physics - B, Chemistry - B)

- Africa International College.

9 GCSEs including English Language.

Skills

- **Programming:** Proficient in C++, Python (object-oriented).
- **Database:** Experience with MySQL.
- **Version Control:** Proficient in using GitHub.
- **Development Environments:** Visual Studio, MatLab, Qt.
- **Problem-Solving:** Demonstrated ability to break down complex problems and create solutions.
- **Project Management:** Experience in setting development goals, creating timelines, and managing resources.
- **Initiative:** Self-taught Lua Programming Language for game development.
- **Strong Work Ethic:** Commitment to projects and ability to take ownership and see them through to completion.
- **Communication:** Effective communication and teaching skills.
- **Collaboration:** Experience working in team-based projects.
- **RPA Development:** Automation Anywhere, Python, and MySQL.

Work Experience

RPA Developer (June 2023 - Present)

- GTBank UK

- Responsibilities:
    - Programmed software bots to automate repetitive and deterministic processes within the bank
    - Utilized Automation Anywhere platform for RPA development
    - Developed bots to transfer a large number of files from local drives to the document management system, OnBase
    - Created a bot to assist the COBR department in performing adverse media searches on customers in Google and saving search results as PDFs

Math & Physics Tutor (2019 - 2021)

- Tutorhunt
- Responsibilities:
    - Communicated personality, teaching style, and work ethic effectively through my profile bio
    - Monitored profile interactions to scout potential students
    - Broke down complex problems for students
    - Tracked student progress and adapted teaching approaches
    - Maintained a conducive learning environment
    - Conducted bias-free evaluations and constructive criticism
    - Ensured punctuality for scheduled classes

Personal Projects

Game Development (2022-present)

- Demonstrated initiative, self-motivation and proven ability to learn quickly by self-teaching Lua Programming Language to develop a team vs game on Roblox.
- Demonstrated creativity by utilizing various in-game scripting and building techniques to create a unique and engaging user experience.
- Utilized problem-solving skills to troubleshoot and resolve technical issues related to game development, including scripting bugs and performance optimization.
- Gained experience in project management by overseeing the game's development, including setting development goals, creating timelines, and managing resources.
- Demonstrated commitment and strong work ethic by consistently dedicating time and effort to the game development, despite it being unfinished.
- Demonstrated ability to break down complex problems and create a plan of action to solve them, by creating a development plan and setting milestones to achieve it.
- Showcased ability to think critically, by analyzing the progress of the project, and making adjustments to the development plan as needed.
- Proven ability to take ownership of a project and to see it through to completion, by continuing to work on the game development, despite the challenges and setbacks.

University Projects

Machine Learning (2020-2021) (Grade: 76.50)

- Created a simple kinematic controller that operated a simulated 2-joint revolute arm and traced a path through a maze.
- Made use of a two-layer neural network (one sigmoid and one linear output layer) and a Q-learning algorithm.

- Implemented the project in MatLab where we were provided with the forward kinematic model of the arm.

Machine Vision (2020-2021) (Grade: 64.00)

- Employed cross-correlation to calculate the estimated distance of a target from its recorded servo values.
- Used a set of image data to calibrate cameras against intrinsic and extrinsic errors.
- Wrote C++ code in Qt to produce a disparity map from an image set to estimate distance.
- Wrote C++ code in Qt to add extra features (colour and edge detection) to the provided saliency map.

Interests/Hobbies

Making electronic dance music in Fl studio. (2015-present)

- Creatively tweaking instrument presets to produce unique sounds.
- Applying music theory, such as the pentatonic scale, to create harmonic melodies and memorable tunes.
- Organising the melodies into parts-verse, bridge, chorus, etc- to form a song.
- Using sound engineering principles to mix and master the song so it meets the standard quality of today's music.

Chess- Chess.com (2017-present)

- Member of an online chess community, home to several grandmasters, coaches and professionals, that supports chess fans as they grow as players.
- Solve chess puzzles daily to sharpen my skills.
- Participate in chess tournaments every now and then.
- Meet new people and have fun getting better together.

Clubs

Nigerian Students Society (2019-2020)

- Working with other committee members to organise fun social events for the Nigerian students at the university.
- Ensuring health and safety at each event, and dealing with issues that may arise.

Problem Solvers- British Mensa (2018-2020)

- Member of a networking & recreational society open to people who score in at least the 98th percentile on a standardised, supervised intelligence test.
- Applying myself to brainstorm solutions to prevailing world issues, such as global warming, with others.
- Participating in fun food-and-drink meetups.

Languages

- English (Native Proficiency)
- Japanese (Beginner)