

AGYEI MICHAEL JUNIOR

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🚩 Ghanaian

📅 23 January 2000



Profile

Recent Materials Science and Engineering graduate with a solid academic foundation and hands-on experience in materials characterization, testing, and processing. I have completed my national service and I am currently seeking employment or internship opportunities. I am Skilled in translating UI/UX designs into clean, reusable components and optimizing performance for modern browsers. Strong understanding of component-based architecture, routing, and state management, with a passion for creating visually appealing and intuitive user interfaces. Comfortable collaborating with backend developers and working in Git-based workflows.

Education

2021 – 2024 **Bsc. Material Science in Engineering**
Accra, Ghana *University Of Ghana*
Bsc in Material Science in Engineering with, **Second Class honours(upper division)**
Relevant courses: C programming , Matlab

2017 – 2020 **General Science**
Sunyani, Ghana *St. James Seminary and Senior High School*
Learnt some important courses like biology, physics, chemistry, ICT, mathematics and social studies.

Professional Experience

10/2024 – 10/2025 **Teaching Assistant**
Accra, Ghana *University of Ghana*
• Organizing tutorials sessions for students and helping them with their work, and also providing individualized support and guidance
• Assisting my lecturer with his ongoing projects and lesson planning

02/2023 – 07/2023 **Lab Technician Intern**
University of Ghana Engineering Mechanical lab
• I was responsible for the proper sterilization of all glassware and tools, safe disposal of chemical waste, and strict adherence to Safety Data Sheet (SDS) guidelines
• Keeping perfect records and observing measurements and equipment by complying with Good Laboratory Practice requirements.

10/2023 – 01/2024 **Teaching Intern**
Dormaa Ahenkro, Bono Region *Delany Academy*
• Delivering lessons, guide students through learning activities and evaluate their progress

- Planning and preparing lessons, including setting goals, objectives and learning outcomes.

10/2022 – 01/2023

Dormaa Ahenkro, Bono

Region

Sales Person

Oduro Pharmacy

- Assist customers with their queries, provide product information, and help them find good products.
- Operate the cash register and handle customer payments

Research Interest

- Machine Learning
- Software development
- Polymers
- Sustainable waste management practises

Skills

Frontend Developer — : HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, React Native (Expo) |

Styling: Tailwind CSS, Bootstrap, Responsive Design, Accessibility (WCAG) | **Tools/Workflow:** Git/GitHub

Graphic Designing : Adobe Photoshop

Proficient in Microsoft tools — Excel, Microsoft Word, Power point

UI/ UX Designing : Figma — Figma

Research and Development — conducted research on plastics(LDPE/HDPE), waste tires and polymers and how they can be managed sustainably to promote a greener environment.

Game developer — Experienced in using **Scratch (block-based coding)** to teach foundational programming concepts and logic to children. Developed engaging, educational games and interactive stories tailored for various age groups.

Soft Skills — | I maintain exceptional standards of quality and detail in all my work. | I am completely reliable, always on time, and manage my schedule efficiently. | You can trust me for complete honesty and discretion with all property. | I don't wait for direction; I see problems and take the correct action without hesitation. | I quickly master new processes and procedures, and I am committed to learning rapidly.

Leadership Experience

01/2024 – 09/2024

Committee Head of Welfare

University of Ghana(Engineering school)

- Managing the welfare committee's budget, resources, and materials required to run their programs.
- Supervising committee members to check up on students mental health and how they are catching up with their academic journey.

01/2023 – 09/2024

Floor rep

University of Ghana(kwapong Hall)

Organising floor meetings and reporting the needs of floor members to higher offices for solutions

Health Prefect

St. James Seminary

- Helping students with first aid
- Promoting hygiene and showcasing leadership and mentorship

References

David Dodo-Arhin, Professor, University of Ghana

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Ebenezer Annan, Professor, University of Ghana

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