

# AGYEI MICHAEL JUNIOR

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♂ Male

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🇬🇭 Ghanaian

📅 23 January 2000



## Profile

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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

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2021 – 2024

Accra, Ghana

### Bsc. Material Science in Engineering

*University Of Ghana*

Bsc in Material Science in Engineering with, **Second Class honours(upper division)**

**Relevant courses:** C programming , Matlab

2017 – 2020

Sunyani, Ghana

### General Science

*St. James Seminary and Senior High School*

Learnt some important courses like biology, physics, chemistry, ICT, mathematics and social studies.

## Professional Experience

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10/2024 – 10/2025

Accra, Ghana

### Teaching Assistant

*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

Dormaa Ahenkro, Bono  
Region

### Teaching Intern

*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

### **Sales Person**

Dormaa Ahenkro, Bono  
Region

*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**

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

## **Skills**

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**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**

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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**

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**David Dodo-Arhin**, *Proffesor*, University of Ghana

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**Ebenezer Annan**, *Professor*, University of Ghana

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