

EBI EMMERICH-ADEHOR

AI Software Engineer | Junior Machine Learning Engineer

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SUMMARY

Computer Science graduate and aspiring AI Software Engineer with experience building AI-powered web applications using Python, Flask, JavaScript, SQLite, and OpenAI APIs. Developed MentalMovie, an AI cinema platform featuring a conversational CinemaBot and personalized movie recommendations. Seeking a Junior AI Software Engineer or Machine Learning Engineer role to build practical, user-focused AI solutions.

TECHNICAL SKILLS

Programming & Databases

• Python • JavaScript • SQL • SQLite

AI & Machine Learning

• OpenAI API Integration • Large Language Models (LLMs)
• Prompt Engineering • Conversational AI

Frameworks, APIs & Tools

• Flask • REST APIs • TMDB API • Git/GitHub

EDUCATION

AI Software Engineering | Masterschool

Apr 2025 – Present

• Artificial Intelligence, Machine Learning, Python, Generative AI
• Building AI applications and API-driven software solutions

Bachelor of Science in Computer Science | Ambrose Alli University

Sep 2000 – Aug 2005

PROJECTS

MentalMovie – AI-Powered Cinema Platform

GitHub: [Insert Link]

- Developed an AI-powered cinema platform using Python, Flask, JavaScript, SQLite, OpenAI API and TMDB API.
- Built a conversational CinemaBot that provides natural-language movie recommendations.
- Integrated OpenAI and TMDB APIs to deliver personalized user experiences.
- Designed, tested and optimized the application using agile development practices.

Firewall Security System (Academic Project)

Sep 2000 – Aug 2005

- Designed and implemented a centralized firewall security solution.
- Configured access controls and network security policies.
- Performed testing, debugging and system optimization.

RELEVANT EXPERIENCE

Computer Science Researcher & Educational Technology Specialist

Ebonyi State, Nigeria

Jan 2006 – Dec 2008

- Conducted research and developed educational technology solutions.
- Produced technical reports and supported technology integration projects.
- Delivered user training and technical support.

School Aide

Robert Brauner Special Needs School, Herne

Apr 2022 – Jul 2023

- Supported students with special educational needs.
- Collaborated with teachers and parents to improve learning outcomes.

Care Assistant (OGS)

AWO Primary School Care, Herne

Sep 2020 – Aug 2021

- Supported the educational and social development of 15 children.
- Facilitated teamwork and communication through structured activities.

CERTIFICATIONS

Qualification as an Inclusion Assistant / School Assistant

bobeq GmbH, Bochum

Mar 2022

LANGUAGES

- Urhobo – Native
- English – B1
- German – B1

