

# ABDUL-AZIZ ZIBLIM

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Industrial Engineering student with hands-on experience in Python programming, data analysis, machine learning, and cloud computing basics. Passionate about solving complex problems through innovative technology solutions and building a career in cloud computing, machine learning, and IT consultancy.

## EDUCATION

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**KWAME NKRUMAH UNIVERSITY OF SCI & TECH** (*Currently enrolled*) Since Sept. 2020; Kumasi  
Bachelor of Engineering, Major in Industrial Engineering;  
**Relevant Coursework:** Mathematics, Engineering Design; Computer-Aided Design; Manufacturing Technology; Operations research; Logistics; Project Management.

## EXPERIENCE

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**Intern | R&D and Engineering Design | IMHO Limited, Kumasi (8 weeks)** OCT 2024- NOV 2024

- Led a team of six in the design and fabrication of a mobile molten metal pouring system to enhancing foundry operations' safety and efficiency.
- Managed IT-based tasks, including system requirements documentation and technical presentations.
- Conducted research and stakeholder engagements to align the system with industry standards and environmental practices.

**Media Chairperson | Campus Association** 2022-2024  
Led the IT & Media department, orchestrating technological and media related endeavors for the association. Conducted workshops, enhancing members' technological proficiency in various domains. Collaborated on IT projects, enhancing technical support and innovation within the club.

## PROJECTS

### RECOMMENDER SYSTEM

- Developed a collaborative filtering-based movie recommender system using Python and Scikit-learn.
- Demonstrated expertise in machine learning and algorithm implementation.

### API DEVELOPMENT

- Developed a ML-powered API using FastAPI framework
- Implemented machine learning model serving through RESTful endpoints

## ACTIVITIES

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**PARTICIPANT, GHANA DATA SCIENCE SUMMIT** Kumasi, Ghana

- Gained hands-on experience with data analysis, machine learning tools through workshops and tutorials.
- Explored research showcases by ML labs, interacting with industry experts to gain insights into the latest trends and advancements in data science.

### CLOUD COMPUTING BOOTCAMP | Participant

- Mastered fundamental AWS concepts including billing management and architectural principles
- Developed practical experience with app containerization and distributed tracing

## ADDITIONAL

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**Technical Skills:** Python, Pandas, Numpy, TensorFlow, FastAPI

**Languages:** Fluent in English and Dagbani

**Certifications & Training:** Python programming and intro to machine learning (Kaggle), Data analysis with python(freecodecamp), Supervised learning, Unsupervised learning, Recommenders, Reinforcement learning (Coursera)

For additional information on my projects, please visit my [portfolio site](#)