

PENIEL LEONARD ANKOMAH

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EDUCATION

University of Mines and Technology (UMaT), Takoradi
Bachelor of Science in Mechanical Engineering
2025

Expected Graduation: September

Mfantsipim School
West African Senior School Certificate Examination (WASSCE)
Graduation: December 2021

WORK EXPERIENCE

ADIFAB Company Limited, Takoradi

Product Management and Inventory Intern

September 2022 - November 2022

- Assisted with the procurement of metal plates, rods, and pipes, optimizing supply chain management by improving material selection and reducing delays by 15%.
- Developed strategies for material supply chain optimization, leading to a 12% increase in inventory accuracy.

Kantanka Research Center, Winneba

Mechanical Technician Intern

October 2023 - Present

- Gained hands-on experience with CNC machining, keyway design, and threading.
- Worked on manufacturing process optimization, contributing to improved machine precision.

PROJECTS

Remote-Controlled Fire Truck

June 2024 - August 2024

- Designed and built a fire truck prototype using remote-control technology.

Multipurpose Drone Design

June 2023 - August 2023

- Collaborated in designing a multipurpose drone for a university competition.
- Modeled 3D drone bodies using CAD software, improving team productivity by 10%.

ECOWATCH

August 2024 - Present

- Lead 3D Designer for the case design of Eco Watch, an innovative environmental monitoring device.

SKILLS

Design Software: SolidWorks, Siemens NX, AutoCAD, Autodesk Inventor

Soft Skills: Adaptability, Flexibility, Critical Thinking, Problem Solving

Technical Skills: Machine Design, Finite Element Analysis (FEA), Product Development

VOLUNTEERING & LEADERSHIP

Mfantsipim Cadet

Public Relations Officer

January 2021 - September 2024

- Coordinated communication efforts, developed team-building activities, and supported outreach for cadet programs.

ADDITIONAL

Fluent in English

Age: 20

Available for interview