

# PREMPEH ETHEL

## ELECTRICAL AND ELECTRONIC ENGINEER

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NSAWAM

### OBJECTIVE

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A motivated Electrical and Electronic Engineering student with a passion for programming and trading. Skilled in problem-solving, circuit design, and software development. Seeking opportunities to apply technical knowledge, analytical skills, and a keen interest in technology-driven solutions in a dynamic environment.

### SKILLS & ABILITIES

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**Programming:** Proficient in Python, C++; experience with MATLAB.

**Power Systems:** Strong understanding of power system analysis and design.

**Software Tools:** Skilled in ETAP for electrical power simulations and MATLAB for computations.

**Hands-on Experience:** Practical knowledge of electrical troubleshooting and appliance repair.

**Problem-Solving:** Ability to analyze and find solutions for electrical and software-related issues.

### EXPERIENCE

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MAY 2023

**Electrical Maintenance Intern, Nsawam**  
Electricity Company of Ghana (ECG)

Assisted in the maintenance and repair of electrical systems and power distribution networks.

Gained hands-on experience in troubleshooting and servicing electrical faults.

Worked alongside experienced technicians to ensure efficient power system operations.

Learned safety protocols and best practices in electrical maintenance.

NOVEMBER 2023

**Electrical Fault Intern, Nsawam**  
Electricity Company of Ghana (ECG)

Assisted in diagnosing and resolving power distribution faults.

Gained hands-on experience in troubleshooting electrical issues in residential and commercial areas.

Worked with experienced technicians to restore power and improve system reliability.

Learned safety procedures and best practices in electrical fault management.

OCTOBER 2024

**Electrical Engineering Intern, Circle Industrial Area**

Dannex Aryton Starwin PLC

Monitored and maintained water pressure systems to ensure smooth operations.

Inspected and recorded generator performance, ensuring stable power supply.

Read and analyzed electrical phases to prevent system imbalances.

Assisted in troubleshooting and repairing pharmaceutical machinery.

Participated in the servicing of air conditioning systems for optimal efficiency.

Assisted with electrical installations and maintenance across the facility.

## EDUCATION

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JANUARY 2022

**Bachelor of Science in Electrical and Electronic Engineering**

University of Mines and Technology

**Final year | Expected to graduate in 2025 |**

## COMMUNICATION

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Experienced in working with teams during fault diagnosis, maintenance, and installations.

Strong verbal and written communication skills for documentation and reporting.

Adaptable in fast-paced environments, and collaborating with engineers and technicians.

## LEADERSHIP

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Took initiative in troubleshooting and maintaining electrical systems during internships.

Assisted and guided team members in diagnosing and resolving electrical faults.

Worked closely with senior technicians, taking responsibility for key tasks.

Adapted quickly to challenges, ensuring tasks were completed efficiently and safely.

## REFERENCES

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