Research and Development Engineer (ECE)

Description

WE ARE LOOKING FOR SOMEONE:

Who is passionate about providing quality service to our customers, will work across all levels of the organization, can make high-level decisions, and is an experienced Engineer. We strive to provide critical and excellent service to our communities and are looking for a Research and Development Engineer!

Key Responsibilities and Accountabilities

1. Development of new products designs and materials and device structures, developing and studying new technologies and creating applications for product development.

2. Design and implementation of product experiments to meet yield improvement plans.

3. Application and development of material & process analysis and monitoring

4. Define head design specifications and communicate quality to downstream customers.

5. Design and implementation of experiments to optimize new and existing materials and processes.

6. Monitoring, creation, and management of intellectual property.

7. Working with academic partners to leverage the potential of applicable research.

8. Ensure compliance with Health and Safety procedures

9. Application and development of electrical test strategies and methods

10. Tracking, recovery and analysis of downstream test data, and providing design and process feedback to the relevant teams

11. Shipment inspections including testing and evaluation of kWh meter and other products.

12. Other duties assigned

Qualifications:

– Graduate of Electronics and Communications Engineering or related Engineering course

– The candidate must have at least 2 years of experience in the same function

– With background knowledge in electric meters

– Able to work methodically, accurately and neatly

Hiring organization
Trion Group of Companies

Date posted
February 26, 2024

– Good oral and written communication skills

– Able to work as part of a team

– Able to create design files such as circuit schematic, PCB Gerber file, Bill of Materials, etc

– Knowledgeable in different electronic communication protocols and wireless communication protocol

– Strong background in analog and digital electronics

– Experienced in microcontroller programming

– Knowledgeable in C and C++

– Able to demonstrate root cause analysis

– Knowledgeable in Raspberry Pi and Arduino

– Team player and can handle a team