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 organizationTrion Group of Companies

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- 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