

INTERNAL ADVERTISEMENT

A vacancy exists for an Electronic Engineer in Johannesburg within ATM Solutions.

The purpose of the position is to use the principles of computer, electrical, and mechanical engineering, along with systems integration and technical project management skills, to research, design, develop, test, and troubleshoot electromechanical systems.

The responsibilities of the position include:

- Integrating and designing electronic security systems
- Maintaining timely and accurate oral and written technical reports regarding engineering activities
- Develop solutions to eliminate machine and system malfunctions
- Design and build new innovative products
- Create standard methods for reviewing, evaluating and inspecting products during development and production
- Write protocol qualification document test plans and reports for quality assurance
- Present findings to senior design team members and make recommendations
- Analyze data daily
- Monthly administration including invoicing
- Manage and support remote staff
- Travel to regions to support team and inspections

In order to be considered for the position, the following requirements must be met:

- Matric
- Minimum Mechatronics Engineering Level 4 qualification
- Must be computer literate, MS Office
- Min 3 years' experience in computer aided manufacturing software and Mechanism design and analysis
- Min 3 years' experience in technical and engineering work
 - C/C++ Embedded Development
 - GSM AT Commands
 - I2C & SPI Communications
 - One Wire Communications
 - Active MQTT Communications
 - XML / JSON Structured Communications
 - Circuit Board Design, Testing and Fault Finding
 - Reading and Sketching Electronic Schematics
 - Fault Finding Electronic Circuit

Behavioral Competencies:

- Planning & Organising
- Communication & Impact
- Customer Focus
- Problem-solving
- Initiating Action
- Contributing to Team Success
- Work Standards
- Passion & Attitude
- Continuous Learning