
ELECTRONICS TECHNICIAN RESUME

Summary:

An individual who is involved in several divisions where electronic engineers work; has collaborated with other departments in compiling new concepts for enhanced invention, design, construction and operation of electronic systems and devices; has solid background in different segments of the communication industry, automobile industry and robotics technology; has good exposure in the study of electrical circuits in endless applications for various devices; a specialist who works with computing systems, industrial equipments, aerospace equipments or biomedical devices.

Professional Experience:

Off Highway Electronics Engineer January 2007 – Present
Armadillo Metallworks, Inc., Albany, NY

Responsibilities:

- Supported bench, engine test cell, and vehicle controls validation and debugging as required by the quality assurance department.
- Supported tool integration plans, deliverables and develop technical profiles.
- Troubleshoot and resolved issues related to control system performance by evaluating defective products.
- Compiled tech reports to document problems and resolutions calibration, engine performance and manufacturing tool integration.
- Responsible for problem report/change request tracking and planning with core component groups and prepared reports to address the defects.

Power Electronics Engineer May 2004 – December 2006
Pearce Engineering, Limited, Albany, NY

Responsibilities:

- Produced requirements, design, analyses, experimentation, test planning and execution for the production department's reference.
- Updated on the different electric motors, their drives topologies and high fidelity circuit system level simulation capability using state of the art validation tools.
- Conducted trainings to new electronics engineer to orient them on standard policies and procedures.

Electronics Technician February 1999 – May 2004
CE Power Solutions, Albany, NY

Responsibilities:

- Supported bench, engine test cell, and vehicle controls validation and debugging as required by the quality assurance department.
- Supported tool integration plans, deliverables and develop technical profiles.
- Troubleshoot and resolved issues related to control system performance by evaluating defective products.
- Compiled tech reports to document problems and resolutions calibration, engine performance and manufacturing tool integration.
- Responsible for problem report/change request tracking and planning with core component groups and prepared reports to address the defects.

Power Electronics Engineer May 2004 – December 2006
Pearce Engineering, Limited, Albany, NY

Education:

Masters Degree in Electronics & Communications Engineering
University of Iowa, IA, 1999
Bachelors Degree in Electronics
Rockefeller University, NY, 1997

Skills:

- Extensive work experience in writing test cases based on requirements
- Ability to develop programs for electronic circuit boards
- Knowledge in analog and digital circuitry

- Proficient in computer skills and all other software necessary in quality assurance monitoring for electrical circuitry
 - Excellent time management skills
 - Identified complex problems and reviewing solutions
 - Excellent communication, assessment and evaluation skill
 - Good time management and coordination skills
 - Knowledge in training and testing equipment
 - Extensive work experience in writing test cases based on requirements
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Awards and Affiliations:

Institute of Industrial Electronics Engineering, Member
Institute of Electrical and Electronic Engineers, Member

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