About NACT Engineering

NACT Engineering provides drones accessories for all sizes and use-cases. Our intimate knowledge of robotics systems places us at the forefront of a burgeoning mechanical revolution. As a company at the cutting edge of engineering and robotics, we are looking for a suitable candidate that will push NACT forward as a bespoke drone solutions provider for our clients in the APAC region.

Highlights of working at NACT
- 5 minutes distance to one-north MRT station with many F&B options.
- Competitive compensation package remunerated based on skill and experience.
- High level of autonomy on the job with training opportunities provided for upskilling and learning.
- Open culture and collaborative environment.
- High growth industry.

RESEARCH AND DEVELOPMENT ENGINEER

Job description
- Design and qualify electronic systems and/or mechanical systems through prototyping validation.
- Establish procedures for qualification of electronic/mechanical system, and manual documentation for a team to adopt.
- Conduct failure analysis of electronic/mechanical system to verify the cause of failures, and assist in arriving at the corresponding solution.
- Assist with production quality control and production processes when needed.
- Ensure compliance with company programs, procedures, and applicable quality system regulations and standards.

Position Responsibilities
- Conduct tests necessary to evaluate prototype, such as using equipment such as oscilloscope, power supply, measurement tools etc.
- Independently perform some level of failure analysis.
- Supports equipment development efforts for new products, and process improvements. These efforts may be the internal development of process equipment or coordination with an external equipment integration company.
- Supports processes. This support might include daily support of production operations as well as leading reliability and yield improvement activities for products.
- May be expected to work on complex problems where analysis of situations or data requires an evaluation of many tangible and intangible factors. Individual will be required at times to make complex technical recommendations on design quality and reliability.
- Writes Process Specifications and Manuals when applicable.
- Supports Return Merchandise Authorization process by providing root cause analysis report.

71 Ayer Rajah Crescent
#07-05
Singapore 139951
Singapore
Collaborates with Technical Experts from other software/hardware partners to implement new Product/Process activities across the facilities following Technology Roadmaps and Design Engineering activities.

Performs other position related duties as assigned.

Quality Responsibilities
- Reports any observed or informed process and/or product non-conformities.
- Finds resolution of Quality Situations at the area of responsibility.
- Complies with all the requirements in the operational procedures at the area of responsibility in order to meet the requirements of all applicable Quality System regulations.

Qualifications
Bachelor Degree in Science, Engineering or field related to previously mentioned background.

Experience:
- Fresh graduates
- Or: 1+ Years with Bachelors

Skills
- Analytical Thinking
- Independent Problem Solving
- Interpersonal Relations
- Quality and Results Oriented
- Computer Literate
- Fluency speaking and writing in English
- Bilingual

How to apply
1. Write to info@nactengineering.com and quote this subject title “NTU: JD1”
2. Attach your CV/Resume with your asking salary and a short paragraph on why you would want to join us.

Deadline for Application: 20 October 2019