

JOB DESCRIPTION

Position Title	Research Officer (Advanced Informatics)
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A. Position Purpose & Summary:
<ul style="list-style-type: none"> ▪ LIDAR based software development ▪ Perception algorithms for object detection, tracking or classification ▪ Implementation of algorithms and deployment in real world situations ▪ Lidar point cloud registration, pose or state estimation ▪ Solve real world robotics problems in one or more of the following areas: Object Tracking, Sensor Fusion, 2D/3D mapping, etc.

B. Primary Duties & Responsibilities:
Prepare proposals for feasibility, development and/or verification of provided sub-tasks
Code, test and debug software modules
Design, Prototype & Test software/hardware/mechanical solutions
Software/Hardware maintenance i.e. bug fixes, module-based enhancements

C. Accountability:
To refer to Level of Authority as per MIMOS Policy.

POSITION REQUIREMENTS

D. Academic Qualification:

- Phd
 Master's
 Degree
 Others (Please specify)
- Engineering
 Information Technology
 Science
 Marketing / Business
- Finance / Management
 Others (Please specify)
 Human Resource

E. Experiences:

- Fresh
 1- 3 years
 5-10 years
 More than 10 years
- R&D
 Information Technology
 Manufacturing
 Oil & Gas
- Finance / Admin
 Sales / Marketing
 Others (Pls specify)

F. Technical Skills	G. Soft Skills
C/C++ and/or Python development skills	Sense of urgency
Experience with development on Linux systems	Independent
Experience working on robot and/or autonomous system	Team player

Additional Preferences

- Knowledge in at least one of the fields of: sensor fusion, probabilistic perception, object tracking, computer vision.