Full Time Positions in Robotics, Vision and Software Engineering

Availability: From Aug 2016 and onwards
Contact: Raaj Yaadhav raaj.yaadhav@tum-create.edu.sg
Location: TUM CREATE, Singapore

Background

We have open position in the area of computer vision, augmented reality and software engineering for distributed robotic systems. The focus will be on developing computer vision solutions using multi-camera systems for robotic automation projects.

Objective & tasks

Successful candidate will be working in a team to primarily integrate software components of a large robotic system that includes an industrial robot, actuating end effectors, vision sensors, high level robot control and intelligent systems. There will be potential to do development in a wide range of these areas. The candidate will also be involved in optimizing the process flow and troubleshooting problems that arise during testing in a resourceful manner.

Requirements

- Candidates should at least have a Bachelor’s degree in Computer/Electrical Engineering or Computer Science or other relevant field.
- Relevant experience in 3D Computer Vision, and Image Processing
- Statistical analysis, State Estimation (Kalman Filters, Particle Filters) and Machine Learning (SVM, Decision Trees, Neural Networks).
- Familiarity with C/C++, Python, ROS, OpenCV, PCL, Linux
- Ability to work independently

What we offer you

- An international and multidisciplinary working environment
- Opportunity to work on a project with practical applications and state-of-the-art robotic systems

Send your resume/CV to the contact person if interested

NOTE: Only shortlisted candidates will be contacted