

KUKA Robotics China	Job Description 岗位描述	KUKA
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Job Title 职位名称 Software application developer	Recruitment NO. 招聘编号
Cost Center 成本中心/ 90100M	Department/Company 部门/公司 R&D Center
Report to 上级职位 Functional reporting to the PO; disciplinary reporting to R&D-Manager China	Location 工作地点 Shanghai 上海
Head Count 人数 1	Manager Level or not 是否经理级别 No
Earlier Expected On Board Date 预计最早入职日期 01.01.2015	On Board Deadline 最晚入职日期 15.04.2015
1. OVERALL PURPOSE OF JOB 岗位目的 <ul style="list-style-type: none"> - Creation of sustainable, state-of-the-art software solutions - Assurance of delivery of defined product functionality in accordance with the specified, prioritized order and deadlines - Compliance with the agreed quality standards - Technical (non-disciplinary) leadership of the team with regard to the robotic application / use of the robot / operator control of the robot - Safeguarding and continuous improvement of the working environment in software development 	
2. MAJOR RESPONSIBILITIES 主要职责 Tasks Development and customization of innovative software solutions for applications with the robot, e.g. laser welding, specially developed for the Chinese market using the agile methods (e.g. Scrum). Tasks include: <ul style="list-style-type: none"> - Representing the perspective of the operator in implementation decisions, operating the robot in tests during development - State-of-the-art software design - Coding of functions, modules, classes and similar software structures as part of the scrum team - Test automation of the developed software at unit, component and system level - Performance of manual acceptance and regression test - Maintenance and bug-fixing of existing software - Maintaining of functional interfaces to core development in Augsburg - Ensuring that development documentation is kept - Noting potential for process/product improvement Responsibilities: <ul style="list-style-type: none"> - Individual responsibility for the implementation of development tasks within the scrum team - Ensuring the expandability of the developed software modules within the scrum team 	

- KEY COMPETENCIES 资格能力要求

Educational: Degree in computer science, mechanical engineering, mathematics, electrical engineering, or equivalent qualification

- Specialist knowledge of Microsoft technologies, in particular .NET (C#), C++, WPF, WCF and Java technologies
- Design patterns and specimens
- Programming for real-time systems
- Object-oriented analysis and design
- Knowledge of automation technology
- KRL knowledge is a plus
- Several years of application experience with industrial robots in practical operation

Language Skills: fluent Written and Oral English Skills

- Written English Level:

☒ Fluently ☐ Good ☐ Generally

- Oral English Level:

☒ Fluently ☐ Good ☐ Generally

- PC/Office skills:

- Excel Skill:

☐ Fluently ☒ Good ☐ Generally

- PPT Skill:

☐ Fluently ☒ Good ☐ Generally

Other skills:

- Execution competence for the coding of functions
- Active role in determining the architecture
- Good sense of business with regard to the implementation of programming tasks
- Structured working
- Results-oriented, aptitude for planning and organization, excellent communication skills, ability to work well in teams
- High level of personal dynamism and individual responsibility
- Readiness for ongoing further development/education

Methods:

- Agile software development
- Conventional software development (not essential)
- Unit tests and test automation
- Agile software development (SCRUM)
- Test-driven development