

Liu Chang (Chandler)

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Objective	Lead Product Expert (Asia)
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Why I am interested in this position, including the leading of a team, technical support to the sales, facing the customer, travelling and the intercultural communication. As a project manager, I lead a team to develop OSEKCore (porting and adding some features for local OEM), and I understood the agreement with customer is very important, and in some level it determined a project to be successful or how much it can earn. The Lead Product Expert and his team works together with sales, and affects the input to projects from technical aspect. So, this job enables me to contribute more for projects.

Regarding the technology backgroup, mine spans to many areas although I am now working in CIS. I led a team to build a WEB based test management tool (TMT), then I touched the gate of EB Guide for HMI design, and did pre-sales support regarding the AutoSAR as well. The sales and I even sold a concept AutoCore license to a China OEM in 2011, The OEM is still our customer after 6 years. 3 years in Nokia, I was developing phone applications and UI framework. Now, I have handled quite a few OSEK projects locally since 2016 spring. One of my interests is to integrate different technologies which produce creative solutions.

Already worked with EB France and had fun with my west friends; for 2 years, supported our Korea agent, earned their trust and I even learnt a little bit Korean, found it is not so difficult for a Chinese to understand Korean. Also, the TMT team was international, including Finnish, Indian, and Chinese colleagues. All these intercultural communication attracted me more and more as time goes by.

Experience	Project Manager Elektrobit Automotive	2016.4.1 - present
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- Lead several projects in parallel from technical point of view, coordinate the teams in different locations, make sure the SW product quality and delivery in time. Trouble shooting, risk management, and making technical solution as well. Scheduling, and training the colleagues to do development and on-site support;
- Align architecture design with headquarter, and deliver basic software to more than 15 ECUs within half a year;
- Customize the OSEKCore CAN stack to support functional safety (E2E protection).
- Build up local development force, including setting up build servers and labatory, training new comers and service team.
- Thanks to the exceptional team, EB China is now able to produce OSEK products locally.

Senior Software Engineer Elektrobit Automotive	2015.1.9 - 2016.3.31
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- Provide workshops for China and Korean customers, topics: XCP/CCP, NM, AutoSAR CanNm, UDS, OEM specific modules, bootloader, etc.
- Developing an AutoSAR CDD (Complex Device Driver) for a BMS (Battery Management System), to measure the voltage of the battery cells.
- Adapt and qualify several CAN/LIN stacks and bootloaders. including CAN/LIN, flash driver porting, integration, and testing. transferred how-know from EB

France to China. Hardware: Cortex-M3/STA1085, PA, S12x, Ti/TMS320, RL78, RH850, TriCore, PIC24, MB96, etc.

Senior Software Engineer

2012.1.4 - 2014.12.30

Nokia

- Porting MS .net micro framework to Nokia mobile phone, based on the smarter-phone framework.
- Accomplished a lot of development tasks, including: optimized smarterphone framework and middleware, added some components / features, and fixed bugs, on Nokia mobile phones.
- More than a developer
 - Launched an integration test project to guard code changes with scheduled tests in CI (continuous integration) system;
 - Provided some lectures about CBD (contract based development) and TDD (test driven development) via practical examples;
 - Improved the auto documentation of source code;
 - Coordinated the developers, testers and UX (user experience) designers for 3 new features.
- All these works resulted in a Nokia AA (achievement award, given to less than 10% people);

Senior Software Engineer

2008.1.1 - 2011.12.31

Elektrobit Wireless

- *AUTOSAR Technical Support*: 2011
Provided pre-sales technical support and turned out to win an order of AUTOSAR basic software together with configuration tool.
- *City Safety (Automotive ECU)*: 2010 - 2011
optimized the bootloader from downloading in minutes to within a minute; also coordinated EB experts, customers, IT supports, etc.
- *HMI and ECU trainings*: 2010
Organized and received 2 trainings about HMI design and OSEK/AUTOSAR.
- *TMT (Test Management Tool)*: 2008 - 2009
Lead the team in agile way to create a web based, but native UI looked, test management tool (TMT) that supports test planning, execution and reporting. Met the schedule and updated the server online every 2 weeks.

Software Engineer

2005.4.18 - 2007.12.31

Elektrobit Technology

- *TMT (Test Management Tool)*: 2006/04 - 2007/12
I launched the project and worked as the core developer, also drove the project in agile way.
- *Project Chiron*: 2005/04 - 2006/03
Testing several smart phones and supported the team with OMA materials. The project validated some Symbian phones.

Software Engineer

2000.4.1 - 2002.08.21

TRS Technology

- *Site Search Engine*
Serach Engine front-end design and implementation. The engine ranged to one or several web sites, based on JSP/Servlet and full text retrieve servers (TRS). Tried to do load balance with a cluster of servers.

Education	<i>Master of Science, Computer Science, BeiHang University</i>	2002.9 - 2005.3
	<i>Bachelor of Science, Mathematics, ShanDong University</i>	1996.9 - 2000.7
Trainings	<i>Project Management based on MS Project , ASW Academy</i>	2016.12
	<i>Project Management based on AAV, Marquardt, Andrea</i>	2016.11
	<i>Multi-culture communication , ShuiSheng (Germen Teacher)</i>	2016.11
	<i>6 Trust based communication habits, AMA</i>	2013.8
	<i>PMI PMP, by tsinghui,</i>	2010.6
	<i>Certificated Scrum Master, Mishkin G. Berteig</i>	2009.3
Skills	<p>Project Management Method: Traditional project management (PMP), Agile method. Programming Languages: C/C++, Scheme/Lisp, Java/script, XML/HTML, Makefile, WAF, CSS, Shell, Python, SQL</p> <p>Development Method: V model, requirement tracing, Object-Oriented Programming (OOP), Event-Driven Programming, Functional programming, Test-Driven Development (TDD), Design Pattern</p> <p>Operating Systems: Linux, Windows, Nokia OS, OSEK-OS</p> <p>Tools: MS PowerPoint, WBS/Excel, MS Project, GanttProject; Matlab/Polyspace, vTiger (CRM), Jira, SVN; MuxTrace/USBdiag, GDB/JLink, Lauterbach debugger, ...</p>	
Personal Info.	<i>Nationality:</i> China	
	<i>Date of Birth:</i> 1978.11.22	
	<i>Gender:</i> Male	