

OBJECTIVE Obtain a position in the field of automotive industry that can maximize my management skill, quality assurance, software design, and training experiences.

EXPERIENCE **Senior SW Engineer** 2014.4.28 - present
Microsoft

- Porting MS .net micro framework to Nokia mobile phone, based on the smarter-phone framework.
- Enabled the .net to access Internet, especially the Azure Cloud.
- I am recognized by the SEA (system engineering and architecture) team, when I enabled the socket within one week.

Senior SW Engineer 2012.1.4 - 2014.4.25
Nokia

- 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);

Project Manager 2008 - 2011
Elektrobit

- *AUTOSAR Technical Support*: 2011
Provided pre-sales technical support and turned out to win an order of AUTOSAR base software together with development tools.
- *City Safety (Automotive ECU)*: 2010 - 2011
Involved to integrate software modules into OSEK OS, including CAN stack, IO driver, bootloader, and XCP; 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
Led the project in customized agile way to create a web based, but native UI looked, test management tool that supports test planning, execution and reporting. My work included all aspects of the project, such as requirement collection, work flow setup, SW design, code review, coding, testing, and reporting. Met the schedule by updating the server online every 2 weeks.

Software Engineer 2005 - 2007
Elektrobit

- *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 - 2002

Several Companies

- *VoIP Fee*: 2002/04 - 2002/08
The project developed a GUI application, which is, at the same time, a billing server that handles dozens of IP phone calls. Multi-thread is used to provide good response to the end user and the VoIP gateways as well.
- *Search Engine (front end)*: 2001/02 - 2001/08
The project makes scalable cluster of full text retrieve servers, and provides load-balance for the search requests from Internet.
- *Image Processing*: 2000/04 - 2000/09
Designed and implemented an image compression algorithm in C/C++ for embedded device. Developed a pre-processor, as the first step, to recognize vehicle licence number and human finger-print.

EDUCATION

Master of Science, Computer Science, BeiHang University,
Bachelor of Science, Mathematics, ShanDong University

2002 - 2005

1996 - 2000

TRAININGS

6 Trust based communication habits, AMA 2013.8
PMI PMP, provided by tsinghui, passed the exam, 2010.6
Certificated Scrum Master, Mishkin G. Berteig 2009.3

SKILLS

Programming Languages: C/C++, Java, Javascript, XML/Html, Makefile, WAF, CSS, Shell, Perl, Python, SQL, Scheme
Development Method: Object-Oriented Programming (OOP), Event-Driven Programming, Test-Driven Development (TDD), Design Pattern
Operating Systems: Linux, Windows, Nokia OS, OSEK-OS
Tools: MS Project, Trac, Git/Gerrit, FTC, Rational Rose, GCC, WindRiver Diab compiler, Make, Vim, MS SQL, SVN, CVSTrac, EB 6100, EB tresos Studio, Lauterbach debugger, EB tresos Inspector.
Management: PMP (project management professional), Certificated Scrum Master

PERSONAL INFO.

Nationality: China
Date of Birth: 1978.11.22
Willing to re-locate: Yes
Gender: Male