

OBJECTIVE A position in the field of car industry with special interests in ECU (electronic control unit) and IOT (internet of things) integration.

EXPERIENCE **Senior SW Engineer** 2012 - present
Nokia / Microsoft Mobile

- Usual tasks of a developer, including several projects, Porting, Optimization, adding new Features, and fixing bugs. All these resulted in a Nokia AA (achievement award, given to less than 10% people);
- 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 documentation of source code;
 - Coordinated the developers, testers and UX (user experience) designers for 3 mini-features.
- Understood the matrix of a large development team;

Project Manager 2008 - 2011
Elektrobit

- *City Safety (Automotive)*: 2010 - 2011
I involved to integrate software modules into OSEK OS, including CAN stack, IO driver, bootloader, and XCP; also responsible to coordinate EB experts, customers, and IT supports. During this project, I did pre-sales technical support, and turned out to win an order of AUTOSAR base SW with tools.
- *TMT (Test Management Tool)*: 2008 - 2009
The project was to create a test management tool which provides test planning, test execution and test reporting, with a test library, imported or composed by this tool. My work includes all aspects of the project, such as requirement collection, work flow setup, SW design, code review, coding, testing, and reporting.

Software Engineer 2005 - 2007
Elektrobit

- *TMT (Test Management Tool)*: 2006/04 - 2007/12
I launched the project and worked as the core developer, also driven 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 liscence number and human finger-print.

EDUCATION *Master of Science*, Computer Science, BeiHang University, 2002 - 2005
Bachelor of Science, Mathematics, ShanDong University 1996 - 2000

SKILLS **Programming Languages & Software**: C/C++, Javascript, XML/Html, Makefile, 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, Jira, Rational Rose, GCC, WindRiver Diab compiler, MS C/C++ compiler, Make, Vim, Putty, MS SQL, Visual Source Safe, CVS, 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