

EMPLOYMENT

- Software Consultant** **Laszlo Systems** Jun 2009 - Jun 2010
- Rich Internet application development in a domain-specific language (LZX)
 - Increased team productivity by adding language support to Vim
 - Developed build tools to shorten the build/develop cycle
- Team Leader, Senior Software Engineer** **Objectiva Software Solutions** Mar 2007 - Feb 2009
- Led team to secure product delivery by adapting changes and prioritizing tasks
 - Developed a sophisticated algorithm for web UI in Java and JavaScript
 - Mission-critical online trading system and cloud computing
 - Published an article about Amazon EC2, S3 and FPS on China's top tech magazine
 - Worked in China, Europe and the US
- Technical Manager** **Mojo Media** Apr 2006 - Sep 2006
- Reduced the hardware cost by 60% by building self-owned network music players
 - Managed a team to work with McDonalds, Carrefour, etc.
 - Linux WWW, FTP and Mail server administration
- R&D Engineer** **Justep Software Corp** Jul 2005 - Feb 2006
- Implemented an XMPP IM server in Java individually

EDUCATION

- M.S. in Computer Science (GPA 3.75)** **Portland State University** Sep 2010 - Jun 2012 (expected)
Scholarship: Dean's Opportunity (2010)
- Teaching Assistant**
- Languages and Compiler Design
 - Functional Languages (Haskell)
 - Computational Structures
 - Computer Systems Programming
- Bachelor in Computer Science** **Beihang University (BUAA)** Sep 2001 - Jul 2005

PROJECTS

- Pyp10, an educational compilation system including a handcrafted parser, an interpreter and an x86 code generator. <http://pyp10.googlecode.com> (individual, Python)
- Replacing Lua's garbage collector (individual, C)
- Optimizing bit field compilation (individual, Haskell & C)
- Linux kernel driven slot cars (collaborated, C)

SKILLS

- Python (expert), Java (expert), C (expert), JavaScript (proficient), Haskell (proficient), Scheme (proficient), Assembly (proficient), SQL (prior experience)
- Eclipse
- Linux, Bash, Vim, make, SSH, Apache, postfix
- Amazon Web Services
- HTML, CSS, MySQL, Oracle
- Mandarin Chinese

PUBLICATIONS

Xingzhi Pan, "Applying cloud computing - an online trading platform on Amazon Web Services", China Software Developer Network, Programmer, Vol. 12, pp. 64-66, 2008.