

BOWEN ZHI

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🎓 EDUCATION

Northeastern University (NEU), Boston, MA, USA

Expected: May 2017

M.S. Candidate in Computer Engineering

Courses: Operating System, Database System, Compiler etc.

Shanghai Jiao Tong University (SJTU), Shanghai, China

2014

B.S. in Electrical Engineering

👤 EXPERIENCE

NIHON KOHDEN Shanghai, China

Sept 2014 -- May 2015

full time Software Engineer

- Maintained embedded system based on electrocardiograph
- Implemented WIFI feature
- Improved wireless transmission capability with lower memory cost

Huawei Technologies Co. Ltd. Shanghai, China

June 2013 -- Aug 2013

Intern

- Implemented Calendar App
- Challenged Huawei-OJ

🔧 PROJECTS

LLVM Compiler Project

Nov 2016

- Optimized register allocation in MIPS with Welch Powel algorithm
- Implemented context analyzer

PC Game Website Project

Apr 2016

Group leader

- MySQL + JSP + Apache
- Implemented user registration and management system
- Implemented backstage management system
- Implemented flexible web page management system

Mini Shell Project

Mar 2016

- Lightweight Linux shell with pure C implementation
- Based on GNU C lib

Lizard-like Robot Project

Mar 2012 -- May 2014

National undergraduate innovation project

- Developed the embedded control system based on VHDL
- Designed the four-feet-with-tail lizard-like robot structure
- Won the outstanding graduation thesis award

⚙️ SKILLS

- Programming Languages: Python > C
- Platform: Linux, Windows
- Tools: nginx, uwsgi socket, git, MySQL, Django etc.