

SHAO Kailai



Education

2013.9 ~ 2016.3	Zhejiang University	Computer Science	Master
2008.9 ~ 2013.9	Zhejiang University of Technology	Automation	Bachelor

Honor in Academic Field

2014.05	"Challenging Cup" College Student Business Planning Competition 2 nd Prize in Province
2012.10	"Challenge Cup" National College Student Curricular Academic Science and Technology Works Competition, National 1st Prize, Algorithm Research & Software Development for HOT Based Nerve Fiber Reconstruction
2011.08	National Undergraduate Electronic Design Contest, 1 st Prize in Zhejiang Province, Invited to the National Communication Match, <i>Water Transferring Robot</i>

Honor in Other Fields

Postgraduate	The "GuangHua" Educational Scholarship Merit Student Outstanding Student
Undergraduate	The "LiShouhen" Educational Scholarship The Individual Scholarship for Academic Works 1 st Prize in Photography Competition in ZJUT Outstanding Student in Student Leadership Camp

Internship

2015.7~2015.9	Morgan Stanley 2015 Summer Analyst Program Intern of Morgan Stanley Tech & Data Department. My internship project is to develop a B/S system to monitor MS's PEP-SI Trading System. I develop the frontend and backend all by myself. The frontend uses AngularJS framework. The backend involves the technique of Spring, JDBC, CouchDB, KDB+ and Q-lang.
---------------	--

Project Experiences

2014.12~2015.6	Server Side Demo Development for "Jiangnan 1535 Tea House" Mobile Application Description: "Jiangnan 1535 Tea House" is a crowdfunding project and the mobile application (iOS) help funders on reservation and matchmaking. I develop the server side demo using the technology of SpringMVC/Hibernate/MySQL.
2014.5~2014.12	Automotive Electronics Oriented Android OS Verification and Optimization Description: A scientific research project with Jaguar Land Rover Ltd., to evaluate performance, stability and security of Android OS. I'm Technical Manager in the project. I am the chief editor of final report and take the responsibility of communication with UK side.
2011.5~2012.10	Algorithm Research & Software Development for HOT Based Nerve Fiber Reconstruction Description: A scientific research project with Harvard Medical School, estimating the nerve fiber orientation using fMRI data by algorithms. My job can divide into two parts: algorithm research for which I published several papers in core journal and software development for which I develop the 3D visualization platform all by myself . The software receives recommendation from WANG Shoujue, academican of Chinese Academy of Sciences.
2013.7 ~ 2014.5	Jenny Printer: Building a 3D Printer from Scratch Description: Founded the community of Jenny Printer with my partner in my spare time as a hobby. We made a 3D printer from scratch and published every drawing sheet, source code and manufacturing instruction to the online community. I am mainly responsible for the development of the so called Jenny Box using Raspberry Pi and build the open source website (www.jennyprinter.com).

Skills

- ✓ Skillful in **Java** and C, source code reading experience of **JDK**, knowledgeable in **JVM** and deep understanding of Java **concurrency programming**
- ✓ Backend webserver development on technology stack of Java (**Spring** / SpringMVC / Hibernate / JDBC / Tomcat)
- ✓ Database development and optimization skill on **MySQL**
- ✓ Use **UNIX** (Mac OS X) as everyday Operating System. Have knowledge of Linux server management
- ✓ International project management experience. | Oral English: Conversational | Written English: Master | CET-6 | IELTS

Self-evaluation

A **Geek** who loves technology. Interested in learning and trying new technology with very capable self-learning ability.