

Che Liu

PERSONAL DATA

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EDUCATION

JULY 2012 Current undergraduate at SEIEE, **Shanghai Jiao Tong University**
Major: Software Engineering
GPA: 87.7/100

PROJECTS

- | | |
|--------------|---|
| JUN 2015 | <i>Distributed Commodities OTC Electronic Trading System</i>
(Lead by Morgan Stanley, 6 members) A commodities OTC electronic trading system which provides future, swap and physical forwards trading online. My role is to use Bootstrap framework to design the foreground of Broker side. |
| MAR-JUN 2015 | <i>Online Book Store</i>
(Project of SE343 - Architecture of Enterprise Applications) Use JavaEE to develop an online bookstore website, with WebServices, Transaction Management and full-text searching integrated. |
| APR-SEP 2014 | <i>X-Locate - Indoor Locating Software on Android</i>
(Participated in Intel Cup National Collegiate Software Innovation Contest, 4 members) Use computer vision to find the user's location in the indoor environment. My role is mainly about image processing and matching using OpenCV. |
| APR-JUN 2014 | <i>Y86 File System</i>
(Project of SE227 - Computer System Engineering) Implement a simple file system, with tasks such as Inode management, file management, RPC, caching locks and files, etc. |
| JAN-FEB 2014 | <i>Data Storage of a Social Networking Application</i>
(Project of SE106 - Data Structures) Design and implement a database management system using C++. Features include basic CRUD operations, B-tree index, paged physical storage, hashing master key, etc. |
| JUN-JUL 2013 | <i>GoBang Game</i>
(Project of SE102 - Course Exercise of Programming) Develop a GoBang game. This project is written in C++, and GUI is designed with Qt. The game supports single player mode, multiplayer, save and reload, etc. |

RESEARCH

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| <i>Current</i> | Student at STAP GROUP IN SJTU |
| JUN-AUG 2015 | <i>Detect bugs with bug pattern in Scala</i>
Use bug pattern to automatically detect potential bugs during compile time |

HONORS AND ADDITIONAL INFO

APRIL. 2015 Honorable Mention - Mathematical Contest In Modeling
SEP. 2014 Level C Scholarship - Shanghai Jiao Tong University
SEP. 2013 Level B Scholarship - Shanghai Jiao Tong University
APRIL 2015 GRE®: 323 (V:153;Q:170;AW:3.5)
MAY 2015 TOEFL®: 108 (R:30;L:27;S:23;W:28)

SKILLS

Intermediate Knowledge: C++, C, JAVA, JAVASCRIPT
Basic Knowledge: OPENCV, PYTHON, MYSQL, JQUERY, SCALA

LANGUAGES

CHINESE: Mothertongue
ENGLISH: Fluent

INTERESTS AND ACTIVITIES

Computer Vision, Information System, Data Mining, Distributed System
Badminton, Long-distance running