Sijia Chen

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Educational Background

2013.09-2017.07	**Beijing University of Post and Telecommunications**	**Computer Science and Technology**	**Beijing, CHINA**

- Selected courses: Programming Course Exercise (95), Data structures Course Exercise (90), Java (91), Higher Mathematics (90), Algorithm analysis and design (91), C++ Programming Course Exercise (94).

Honors & Awards

- The 2015 *ACM-ICPC Asia East Continent Sub region Final Contest* **Silver**
  (School-rank **43th**/ total 127 schools/ 290 teams/ 870 people)
- The 2015 *China Collegiate Programming Contest(CCPC)* **Silver**
  (School-rank **38th**/ total 137 schools/ 246 teams/ 738 people)
- The 2015 *ACM-ICPC Asia Hefei Regional Contest* **Silver**
  (School-rank **15th**/ total 60 schools/ 97 teams/ 291 people)
- The 2015 *Mathematical Contest / Interdisciplinary Contest* In Modeling（MCM/ICM）**Honorable Mention**
- *The Second Prize Scholarship* for one time and *The Third Prize Scholarship* for one time

Projects

2014.04-2014.06	**Graphical elevator system**	**Team Leader (total three people)**	**Beijing, CHINA**

- Developed elevator scheduling algorithm (including several strategies) based on C.
- Designed and developed graphical interface based on Ege Library.
- Received teacher's praise and got 95 points.

2015.04-2015.06	**Graphical hotel management system**	**Team Leader (total three people)**	**Beijing, CHINA**

- Did the whole coding works using QT.
- Designed and developed the hotel business model.
- Got 90 points finally.

2015.10-2015.12	**Graphical Books Shopping Platform**	**Leader (total one people)**	**Beijing, CHINA**

- Used the Single-pattern, Observer-pattern and static factory method.
- Got 91 points finally.

2016.04-2016.06	**Central Air-conditioning System**	**Team Leader (total four people)**	**Beijing, CHINA**

- Wrote the Front-end with QML.
- Developed Strategies-factory in the Back-end with C++.
- The only team with multi-strategies switching in the whole class.

Activities

2014.05-2016.03	**BUPT-ACM Team**	**Members**	**Beijing, CHINA**

- Attended trainings as well as contests and solved about 800 algorithmic problems.
- Delivered an instruction of "**Advanced Graph Theory**" (about 40 freshmen attended).
- Attended the preparation of *2015 BUPT Freshmen Selective Contest* and *2015 BUPT Programming Contest*.
- Hosted the advertisement and recruitment of *2015 BUPT Informatics Science Camp* and set a problem for hands-on test.

Other Information

- Language skills: basic reading and writing in English, CET-6: 423/710
- Computer skills:
  - advanced user of C++ \ QT \ Algorithm \ Data structures
  - basic user of   JAVA \ SQL Server \ Linux
- Hobbies: Guitar (Classic 5th Rank), Football, Basketball, singing and so on.