

Zhijiao Liu

1800 Holleman Drive APT 420, College Station, Texas, 77840
Mobile: +1 979-587-1399 Email: zhijiao.liu.imp@gmail.com
Homepage: <http://people.tamu.edu/~zhijiaoliu/>

EDUCATION

Texas A&M University, MS, GPA: 3.7 (08/2013 — 12/2015)

- Majored in Computer Science.
- Courses: Information Retrieval, Machine Learning, Artificial Intelligence, Neural Networks, Human-centered Computing, Database Systems, Digital Libraries, AI Robotics, etc.
- Projects:
 - Spatial data analysis with learning to rank, build a system to find and recommend local experts in a specific topic and location with LambdaMART method (individual, research);
 - Aggregator, hierarchically cluster videos metadata, visualize results on webpage, iOS and Android (team, course);
 - Find "Spam" Stores with Yelp Challenge data using HITS algorithm (team, course);
 - Technology shopping assistant – CoL website, aggregating laptop shopping information (individual, course);
 - Topic Discovery and Clustering in Twitter using improved k-means (team, course);
- Languages: Python (proficient), JAVA (proficient), C++ (prior experience), HTML (proficient), JavaScript (proficient), C (prior experience), jQuery, CSS, XML, SQL, etc.

Beijing University of Posts and Telecommunications, BS, GPA: 89/100 (09/2009 — 07/2013)

- Majored in Telecommunications Engineering with Management, a joint Degree in collaboration with Queen Mary, University of London, graduate with First Class Honors.
- Relevant courses: Advanced Network Programming, Database technologies and Applications, Digital Signal Processing, Microwave and Optical Transmission, Internet Applications, etc.
- Coursework: Built a mathematic testing program, a student score statistics system, a Card Grid game, a car parking management system, and simulated two elevators' communication and operations.
- Final Project: Low resource autonomous object-seeking robot using computer vision.
- Won second-class scholarships in first three years with the integrated ranking 26/355, 52/355, 15/355.
- 2012 Interdisciplinary Contest In Modeling: won second prize, as Honorable Mention.

WORK EXPERIENCE

Internship of Samsung Electronics China, Marketing Team, Channel Management (03/2013 – 06/2013)

- Analyze marketing data of different products from different channels.

Internship of Sony Mobile, PPMO, Data Intelligence (07/2012 – 10/2012)

- In charge of IDD Data collection and updating to the Software Quality Data Center, improve the updating efficiency about 50%.
- Build models of IDD data by implementing clustering, classification, neural networks in MATLAB.
- Use SPSS, SAS to analysis IDD data on SQL Server.

ADDITIONAL INFORMATION

Vice president (09/2011 – 10/2012), IET Young Membership Section of BUPT

- In charge of external affairs of IETYMS, such as holding lectures, undertaking competitions.
- Organized the preliminary round of 2012 IET Present Around The World in BUPT: promoted PATW, organized the enrollment of contestants, invited the judges, arranged competition hall, etc.

Leader of caring orphans project (05/2011 – 05/2012), Young Changemakers Project, CYDF

- Connected orphans in nearby orphanages to college students by organizing "family" activities regularly to aid those orphans and improve the students' ability to take care of people.
- In charge of publicity, recruiting and training volunteers.
- Won a study visit to London to learn from the experience of UK social enterprises.

Team Leader (09/2011 – 07/2012), Women Basketball Team of BUPTIS

- Won the championship of the Women Basketball of BUPTIS, became MVP of the game.