

# Yining TENG

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## EDUCATION

**Beijing University of Posts and Telecommunications (BUPT)**

**Beijing, China**

**International School Supported by Queen Mary, University of London**

*Sept. 2012-present*

- **Major:** Telecommunications Engineering with Management
- **Overall GPA:** 81.10 (ranking: 103/330)
- **Major GPA:** 83.28 (includes 26 courses about CS and mathematics with 79 credits, such as Java, SE, Data Mining and AI)
- **TOEFL:** 102 (Reading 28, Listening 26, Speaking 22, Writing 26)
- **GRE:** Verbal 154, Quantity 167, AW 3

## PUBLICATIONS

- Y Tian, E Ngai, Y Yunjuan, **Y Teng**, Z Song, , Z Lanshan and W Wang, "Privacy-preserving Scheme in Social Participatory Sensing Based on Secure Multiparty Cooperation", **Submitted to IEEE Transactions on Dependable and Secure Computing** (in China Computer Federation's recommended conference list, type A).
- **Y Teng**, Z Lanshan, Y Tian and X Li, "A Novel FAHP Based Book Recommendation Method by Fusing Apriori Rule Mining", **Accepted by The 10th International Conference on Intelligent Systems and Knowledge Engineering** (Ei Compendex).
- T Ma, **Y Teng**, L Lin and H Zhiqin, "Identifying Vulnerable Friends on a Social Networking Site", **Accepted by The 12th International Computer Conference on Wavelet Active Media Technology and Information Processing** (Ei Compendex).
- Y Yunjuan, Y Tian, E Ngai, Z Lanshan, **Y Teng** and WD Wang, "Vulnerable friend identification: Who should you beware of most in online social networks?", **Accepted by GLOBECOM'15** (in China Computer Federation's recommended conference list, type C).
- E Ngai, **Y Teng** (co-author, alphabetical order) and W Wang, "Internet-of-Things and Participatory Sensing for Smart Cities in Europe", **Accepted by ZTE TECHNOLOGY JOURNAL** (the key magazine of China technology)

## RESEARCH EXPERIENCES

**The 10th International Conference on Collaborative Computing: Networking, Applications and Worksharing** *2015*  
*Reviewer*

**European Alliance for Innovation (EAI)** *2015*  
*Reviewer*

**State Key Laboratory of Networking and Switching Technology, BUPT** *June 2014-Present*  
*Research Assistant (RA)*

- Advisor: Prof. Wendong Wang
- Worked with Prof. Edith Ngai from Uppsala University and Dr. Ye Tian from BUPT, and accomplished several papers on incentive strategy, privacy issue, and participant selection strategy of participatory sensing.

**State Key Laboratory of Networking and Switching Technology, BUPT** *June 2014- June 2015*  
*National Undergraduate Innovative Project: Vulnerable Friends Detection on Social Websites*

- Advisor: Prof. Wendong Wang
- Led 4 undergraduate students to accomplish a system which can detect who they should beware of most in their friend-networks (vulnerable friends) once their privacy information is divulged inadvertently
- Proposed a fusing method to do data mining of vulnerable friends' detection in social network and accomplished the whole model and algorithm for the project. Project's applications have been accomplished in Android and Web

**School of Digital Media & Design Arts, BUPT** *June 2014- June 2015*  
*National Undergraduate Innovative Project: 3D dynamic visualization library retrieval system based on Data Mining*

- Advisor: Prof. Xiaohui Xu
- Led 3 undergraduate students to accomplish a system which can demonstrate associated books in university library
- Proposed a model, contains FAHP and Apriori algorithms, to do data mining in university library and accomplished the whole model and algorithm for the project. Project's applications have been accomplished in Web

## **INTERNSHIP EXPERIENCES**

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### **Internship at China Unicom Co., Ltd**

*June 2015-Aug. 2015*

- Summarized progress in 4G LTE researches from literature reports and participated in the market investigation

### **Internship at Financial Marketing Department, China Construction Bank**

*Mar. 2014-June 2014*

- Responsible for research reports about business analytics

### **Internship at Department of Marketing, Lafaso | Director of universities of Beijing**

*Aug. 2013-Dec. 2013*

- Organized universities' market digging, and acted as the leader of intern groups

### **Internship at Department of Marketing, Microsoft**

*Apr. 2013-May 2013*

- Responsible for Universities' market digging, and wrote reports for marketing investigation

## **AWARDS AND HONORS**

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- **Scholarship:** Scholarship of the year, BUPT (once a year)

*2012-present*

- **Competition:** Mathematical Contest In Modeling "Honorable Mention"

*2014*

## **LEADERSHIP EXPERIENCES**

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### **2014 Global Mobile Internet Conference (GMIC) | Chief Volunteer**

*May 2014*

- Led a team of 20 volunteers, organized training events for teammates and responsible for organizing the volunteer service

### **IET-Young Member Section, BUPT | Vice President**

*Sept. 2013-June 2014*

- Organized activities for university students and visiting scholars

## **COURSE PROJECT**

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### **Software engineering: developing a car park control system using Agile Methods**

*Mar. 2015.3-Apr. 2015*

- Led a team to accomplish a new car park in the campus as an Agile software development team, analyzed the Fact-finding Techniques and customer demands, and determine functional requirements and non-functional requirements of the system

### **Electronic piano**

*Dec. 2014-Jan. 2015*

- Led a team, designed and implemented whole circuit of a digital Electronic piano in Protel with single-chip microcomputer

### **JAVA programming: A mathematic game project with GUI**

*Jan. 2014*

- Designed a multifunctional application used by children to practice their counting and adding skills individually

### **C programming: Grocery store delivery program**

*Dec. 2012-Jan. 2013*

- Led a team to accomplish the work flow design with UML for important stages of the program development: project management, requirement, analysis, design, implementation and testing

## **TECHNICAL STRENGTH**

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- **Programming:** Java, C, R, VHDL, MATLAB, LATEX
- **Applications:** SPSS, Lingo, Clementine, Photoshop
- **Operating System:** Windows, Linux