

# Yining TENG

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## RESEARCH INTERESTS

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Data Mining, Machine Learning, Recommendation System, Privacy Issue, Social Network and Participatory Sensing

## EDUCATION

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**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:** 80.74

## PUBLICATIONS

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- **Yining Teng**, Zhang Lanshan, Ye Tian and Xiang 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).
- Yang Yunjuan, Ye Tian, Edith C.-H. Ngai, Zhang Lanshan, **Yining Teng** and Wendong 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).
- Yang Yunjuan, Ye Tian, Zheng Song, Edith C.-H. Ngai, Zhang Lanshan, **Yining Teng** and Wendong Wang, *this paper is about privacy issue and participatory sensing*, **Pending** by **INFOCOM 2016** (in China Computer Federation's recommended conference list, type A).
- Edith C.-H. Ngai, **Yining Teng** (alphabetical order) and Wendong 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

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**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; paper of this project will be submitted to an international conference recently

**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 fusing method, 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; paper of this project has been accepted by International conference

## **INTERNSHIP EXPERIENCES**

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### **Internship at ZTE Co., Ltd**

*June 2015-Aug. 2015*

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

### **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 per 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 three training events for teammates and responsible for organizing the volunteer service for logistics of the 2014 GMIC

### **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, analyze the Fact-finding Techniques and customer demands, and determine the 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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- **Computer Languages:** Java, C, VHDL, LATEX, MATLAB
- **Applications:** Lingo, Clementine, Photoshop
- **Operating System:** Windows, Linux