

Yining TENG

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RESEARCH INTERESTS

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

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:** 80.74 (ranking: 103/330)
- **Major GPA:** 83.28
- **TOEFL:** Reading 25, Listening 22, Speaking 23, Writing 21

PUBLICATIONS

- **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

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

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

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

2012-present

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

2014

LEADERSHIP EXPERIENCES

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

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 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

- **Computer Languages:** Java, C, VHDL, LATEX, MATLAB
- **Applications:** Lingo, Clementine, Photoshop
- **Operating System:** Windows, Linux