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## Education

### 1. Education Experiences

2006.9–2010.6: Bachelor of Engineering, Chu Kochen Honors College, Zhejiang University

2010.9–2015.9: Ph.D. Candidate, College of Computer Science, Zhejiang University

2013.11–2014.11: Visiting Researcher, Telecom SudParis, France

### 2. Awards and Scholarships

\* Honor Student of Chu Kochen Honors College (2010)

\* Pineapple Scientific Award 2012 (*the Chinese Ig Nobel Prize*) for a *Tweeting Coffee Machine*

\* Excellent Academic Scholarship of Zhejiang University (2006, 2007, 2011, 2012)

\* Excellent Awards in Zhejiang University Student Research Programs (2009, 2010)

## Research Directions

Ubiquitous Computing, Big Data Applications, Mobile CrowdSensing

## Research and Project Experiences

2013.11–2014.5	Telecom SudParis, Paris	Visiting Researcher
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\* Proposed a container port economic model by leveraging maritime *Big Data*

\* Proposed a novel participant selection strategy in *Mobile CrowdSensing*

2010.9–2013.9	CCNT Lab, Zhejiang University, Hangzhou	Ph.D. Student
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\* Proposed a touch-driven *phone-car* interaction framework using NFC technology

\* Designed and implemented a mobile-cloud framework for *smart-car* surveillance

2009.7–2009.12	IBM China Development Lab (CDL), Shanghai	R&D Intern
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\* Participated in an automatic translating and cross-browser testing project

\* Trained with *agile* development and business-scale internationalization management

## Selected Publications

1. Longbiao Chen, Daqing Zhang, Gang Pan, Leye Wang, Xiaojuan Ma, Chao Chen, Shijian Li. **Container Throughput Estimation Leveraging Ship GPS Traces and Open Data**. The 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing (**UbiComp'14**). Seattle, USA. (Accepted)

2. Longbiao Chen, Gang Pan, Shijian Li. **Touch-driven Interaction via an NFC-enabled Smartphone**. The 10th IEEE International Conference on Pervasive Computing and Communications (**PerCom'12**), Demo. Lugano, Switzerland.

3. Longbiao Chen, Yaochun Li, Zeming Zheng, Li Zhang, Dan He, Xiaolong Li, Sha Zhao, Shijian Li, Gang Pan. **WaterLady: A Case Study for Connecting Physical Devices into Social Networks**. The 9th IEEE International Conference on Ubiquitous Intelligence and Computing (**UIC'12**), Workshop. Fukuoka, Japan.

## Profession Skills

\* Fluent in both oral and written English, capable of using English as a working language

\* Skilled with Matlab/R/Python scientific programming and machine learning techniques

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## 教育背景

### 1. 经历

2006.9–2010.6: 浙江大学竺可桢荣誉学院工学学士

2010.9–2015.9: 浙江大学计算机学院博士生

2013.11–2014.11: 法国巴黎国立电信研究院访问学者

### 2. 获奖

\* 2010 级浙江大学竺可桢学院荣誉学生

\* 2012 年“会发微博的饮水机”荣获浙江省科技馆与果壳网首届“菠萝科学奖”

\* 浙江大学优秀学生 (2006, 2007, 2011, 2012), CCNT 实验室优秀研究生 (2011)

\* 浙江大学科研实践和挑战杯优秀奖 (2009, 2010)

## 研究方向

普适计算、大数据应用、移动感知

## 科研和项目经历

2013.11–2014.5 法国巴黎国立电信学院, 巴黎

访问学者

\* 提出了一种利用航运大数据对集装箱港口经济发展进行建模的方法

\* 提出了一种在移动众包任务中智能选择移动感知参与者的框架

2010.9–2013.9 浙江大学 CCNT 实验室, 杭州

博士生

\* 提出一种基于 NFC (近场通讯) 的触碰交互框架, 并应用于智能手机与智能汽车媒体迁移

\* 设计并实现了一个基于智能终端和云服务平台的智能汽车感知与监控系统

2009.7–2009.12 IBM 上海研发中心 (CDL), 上海

研发实习生

\* 参与一个基于 Web 的自动翻译和跨浏览器自动化测试项目

\* 获得敏捷开发和商业级国际化项目管理培训

## 近年发表论文

1. Longbiao Chen, Daqing Zhang, Gang Pan, Leye Wang, Xiaojuan Ma, Chao Chen, Shijian Li. **Container Throughput Estimation Leveraging Ship GPS Traces and Open Data**. The 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'14). Seattle, USA. (Accepted)

2. Longbiao Chen, Gang Pan, Shijian Li. **Touch-driven Interaction via an NFC-enabled Smartphone**. The 10th IEEE International Conference on Pervasive Computing and Communications (PerCom'12), Demo. Lugano, Switzerland.

3. Longbiao Chen, Yaochun Li, Zeming Zheng, Li Zhang, Dan He, Xiaolong Li, Sha Zhao, Shijian Li, Gang Pan. **WaterLady: A Case Study for Connecting Physical Devices into Social Networks**. The 9th IEEE International Conference on Ubiquitous Intelligence and Computing (UIC'12), Workshop. Fukuoka, Japan.

## 专业技能

\* 能熟练使用英语进行工作, 能流利使用英语进行交流

\* 能熟练使用 Matlab/R/Python 等进行科学编程, 熟悉机器学习等应用数学理论