Huanle ZHANG

PERSONAL INFORMATION

ADDRESS:	745 F ST APT 19, Davis, CA 95616
PHONE:	+1 530 7605938
EMAIL:	dtczhang@ucdavis.edu
WEBSITE:	www.huanlezhang.com

EDUCATION

Current
SEP 2016
Doctorate Degree in Computer and Information Sciences
University of California, Davis, CA
Supervisor: Prof. Prasant MOHAPATRA

JUNE 2014
SEP 2011
(3 years)
Master Degree in Communication and Information System
University of Electronic Science and Technology of China
Thesis: "Research on Heterogeneous Femtocell Networks"
Supervisor: Prof. Jian LIU

JUNE 2011
SEP 2007
(4 years)
Bachelor Degree in Communication Engineering
Hangzhou Dianzi University, China
Thesis: "Research on Pitch Detection of Voice Signals based on SHR Algorithm"
Supervisor: Prof. Na YING

WORK AND INTERNSHIP EXPERIENCE

AUG 2018
JUNE 2018
(10 weeks)
Summer Intern
Nokia Bell Laboratory, USA
Supervisor: Dr. Sarit MUKHERJEE, Dr. Fang HAO

JUNE 2018
MAR 2018
(12 weeks)
Spring Intern
Microsoft Research Asia, China
Supervisor: Dr. Yunxin LIU

SEP 2017
JULY 2017
(2 months)
Summer Intern
Simula Research Laboratory, Norway
Supervisor: Dr. Ahmed ELMOKASHFI

Developed wireless transmission solutions for AV/VR systems that require very high throughput and low latency. Became familiar with Linux kernel programming, multipath TCP and WiFi driver source code.

JUNE 2016
AUG 2014
(2 years)
Project Officer (Research Assistant)
Nanyang Technological University, Singapore
Supervisor: Prof. Mo LI

Conducted research on mobile applications and systems, such as localization, mobile sensing, and data analysis. Became familiar with sensor networks and data dissemination.

Key Skills

Machine Learning	Python: TensorFlow, Sciki-Learn
Data Analysis	Python, Matlab
Linux Kernel Programing	C, Shell Scripts, Linux Utilities
Android Development	Java: Android Studio

Achievements

2015 Best Paper Award, ACM Conference on Embedded Networked Sensor Systems (ACM SenSys)
2014 Excellent Thesis Award for Master's Degree of UESTC
2013 National Scholarship for Postgraduate/Graduate Students (China)
2010 Interdisciplinary Contest in Modeling: Honorable Mention

Publications

TMC'18   An Acoustic-based Encounter Profiling System
Huanle Zhang, Wan Du, Pengfei Zhou, Mo Li and Prasant Mohapatra

TON'17   Pando: Fountain-Enabled Fast Data Dissemination with Constructive Interference
Wan Du, Jansen Christian Liando, *Huanle Zhang* and Mo Li

MobiCom'16   DopEnc: Acoustic-based Encounter Profiling Using Smartphones
Huanle Zhang, Wan Du, Pengfei Zhou, Mo Li and Prasant Mohapatra

SenSys'15   When Pipelines Meet Fountain: Fast Data Dissemination in Wireless Sensor Network
Wan Du, Jansen Christian Liando, *Huanle Zhang* and Mo Li

IJCS'14   Analysis of Accessing to the Nearest and to the Strongest Base Station in Femtocell Networks
Huanle Zhang, Jian Liu and Haili Shi

Globecom'13   Analysis of Femtocell Coverage Fraction and Isolated Probability Using Stochastic Geometry
Huanle Zhang, Jian Liu, Yupeng Jia and Yulu Ma

AISS'13   OFDMA Femtocell Gateway Scheduling Based on Coloring
Huanle Zhang, Jian Liu, Yu Fu and Niangeng Guo

CCT'13   Optimal Transmission Distance of Mean Progress and Mean Transport in Device-to-device Networks
Huanle Zhang, Yu Fu and Jian Liu

MINES'13   A Tractable Framework for Power Consumption in Femtocell Networks
Huanle Zhang, Jian Liu and Niangeng Guo

SEIS'13   Policy on Downlink Access of Femtocell Based on OFDMA in Dense Employment Residential Environment
Huanle Zhang and Jian Liu