

Zhehao Wang

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EDUCATION

University of California, Los Angeles

Sept 2015 - Present

M.S. in Computer Science (Expected graduation date: Mar 2017)

Advisor: Lixia Zhang

Xi'an Jiaotong University, China

Sept 2010 - Jun 2014

B.E. in Computer Science & Technology (Special Program for the Gifted Young)

Major GPA: 89/100

EXPERIENCE

REMAP, University of California, Los Angeles

Jul 2013 - Present

Software Developer; Graduate Student Researcher

Los Angeles

- Application developer for the **Named Data Networking** (NDN) project, funded by the NSF
 - Implemented the NDN tutorial chat application (JavaScript) for the *2nd ACM Conference on Information-Centric Networking (ACM ICN)*
 - Developed Matryoshka (C#), an NDN multiplayer game demonstrated at the *1st ACM ICN*
 - Updated NDNFS, an NDN friendly file system (C, Fuse)
 - Designed and implemented NDN building automation management system (Python)
 - Developed NDN consumer (JavaScript) for OpenPTrack, a multi-person tracking system
 - Implemented ChronoSync class for NDN JavaScript client library
- Software engineer for the **Future of Storytelling** project, funded by Google
 - Implemented Fountainhead (Python), a parser that takes in script-writing syntax and generates an “active” script, which uses web components and NDN for show control
 - Developed the website for the Los Atlantis project (JavaScript, Python Flask, Cassandra)
 - Updated GlassChatRTC (Java, WebRTC), a realtime video feed application on Google Glass
 - Developed the administrator website (JavaScript, Google Docs) for GracePlains, which creates a live roleplaying experience with Google Glass

Key Lab for Network Security, Xian Jiaotong University

Jul 2011 - Jun 2013

Undergraduate Researcher

Xian, China

- Contributed to Traffic Capture System requested by China Internet Network Information Center
- Implemented status monitoring and forwarding control program for lab machines.

PUBLICATIONS

J. Lee, A. Kapoor, M. Amin, **Zhehao Wang**, Z. Zhang, R. Goyal, T. Abdelzaher: “InfoMax: An Information Maximizing Transport Layer Protocol for Named Data Networks”, *ICCCN 2015*: 1-10

J. An, X. Gui, **Zhehao Wang**, J. Yang, X. He: “A Crowdsourcing Assignment Model Based on Mobile Crowd Sensing in the Internet of Things”, *IEEE Internet of Things Journal* 2(5): 358-369 (2015)

Demo: **Zhehao Wang**, Z. Qu, J. Burke: “Demo overview-Matryoshka: Design of NDN Multi-player Online Game”, *1st ACM Conference on Information-Centric Networking*. Paris. 2014.

TECHNICAL SKILLS & PROFILES

Programming Languages	Python, JavaScript, C++, C#
Database & Tools	MySQL, Cassandra, MongoDB, LaTeX, Matlab
Operating Systems	Mac OS X, Ubuntu Linux, Windows
Github Repository	https://github.com/zhehaowang
Linkedin Profile	https://www.linkedin.com/pub/zhehao-wang/69/398/157

MAJOR COURSES

Object Oriented Programming, Data Structure and Algorithms, Operating System Principles, Computer Network Fundamentals, Introduction to Computer Architecture, Discrete Mathematics

AWARDS & SCHOLARSHIPS

Outstanding Graduating Senior of Xi'an Jiaotong University (10%)	2014
Meritorious Winner of International Mathematical Contest in Modelling	2013
UCLA-CSST Scholarship (9000 USD)	2013
Outstanding Student Leader of Xi'an Jiaotong University (3%)	2011
3 rd Class Award in ACM Competition of Xi'an Jiaotong University	2011
Cyrus Tang Scholarship (4000 RMB)	2010 - 2014