

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)

Xi'an Jiaotong University, China

Sept 2010 - Jun 2014

B.S. in Computer Science & Technology (Special Program for Gifted Young of China)

Overall GPA: 87/100 (3.68/4.0) Ranking: 4/37

Major GPA: 89/100 (3.77/4.0) Ranking: 3/37

MAJOR COURSES

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

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 NSF
 - Implemented a web-based NDN chat application, used as the tutorial application for the 2nd ACM Conference on Information-Centric Networking (ACM ICN)
 - Designed and implemented Matryoshka, a multiplayer online application demonstrated at the 1st ACM ICN conference
 - Updated NDNFS, an NDN friendly file system based on FUSE
 - Designed and implemented NDN building automation management system
 - Implemented NDN in-browser consumer for OpenPTrack data
 - Implemented ChronoSync class for NDN-JS client library
- Software engineer for the Future of Storytelling project, funded by Google
 - Implemented Fountainhead, a Python parser that takes in customized Fountain syntax and generates an “active” script, which uses web components and NDN for realtime show control
 - Developed the public facing website of the Los Atlantis show with Flask framework and Cassandra database
 - Implemented the control website for GracePlains; and GlassChatRTC, a realtime video feed application running on Google Glass

Key Lab for Network Security, Xi'an Jiaotong University

Jul 2011 - Jun 2013

Undergraduate Researcher

Xi'an, Shaanxi, China

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

AWARDS & SCHOLARSHIPS

Outstanding Graduate 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

PUBLICATION

Jongdeog 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)

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

STRENGTHS

Programming Languages	JavaScript, Python, C++, C#
English Skills	Toefl: 114 (Oral: 29); GRE: 325 (Verbal: 155, Quantitative: 170)
Social Experiences	Volunteer teacher for middle school in Gepai, China