

# Zhehao Wang

424-333-8516, zhehao@cs.ucla.edu

## EDUCATION

### University of California, Los Angeles

Sep 2015 - Present

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

Advisor: Lixia Zhang

GPA: 3.9/4

### Xi'an Jiaotong University, China

Sep 2010 - Jun 2014

B.E. in Computer Science & Technology

Major GPA: 89/100

## SKILLS & PROFILES

**Languages** Python (proficient), JavaScript (proficient), C++, C#, Matlab

**Github repository** <https://github.com/zhehaowang>

**Linkedin profile** <https://www.linkedin.com/in/zhehao-wang-15739869>

## EXPERIENCE

**The Center for Research in Engineering, Media and Performance, UCLA** Feb 2014 - Present  
*Graduate student researcher; Staff software developer (through Aug, 2015)*

- **Named Data Networking** (NDN) future Internet architecture project, funded by the NSF
  - NDN building management system (Python), which receives, aggregates and visualizes data from UCLA's campus system
  - *NDNFit* (Java, Android), a mobile health application investigating security in NDN
  - NDN multiplayer game (C#, Unity) exploring peer-to-peer synchronization in online games
  - Chat application for the NDN tutorial in the *2<sup>nd</sup> ACM Conference on Information-Centric Networking*
  - Performance improvements for NDNFS (C, Fuse), a file system that supports data access from remote
- **Future of Storytelling** project, funded by Google
  - *Fountainhead*, a markup parser for a screenwriting language that generates a webpage, which uses web components and NDN for real-time show control
  - *Los Atlantis* project website (<http://the-archive.la>), for user registration, online performance watching and real-time interaction
  - Administrator website (JS, Google API) for *GracePlains*, which creates a live roleplaying game experience with Google Glass

### National Institute of Standards and Technology

Jul 2016 - Sep 2016

*Guest researcher*

- NDN building management simulation and visualization
- Division and team presentations on NDN architecture and application building blocks

## PUBLICATIONS

H. Zhang, **Z. Wang**, C. Scherb, C. Marxer, J. Burke, L. Zhang, and C. Tschudin. Sharing mhealth data via named data networking. In *Proceedings of the 3rd ACM Conference on Information-Centric Networking*, ACM-ICN '16, pages 142–147, New York, NY, USA, 2016. ACM

P. Gusev, **Z. Wang**, J. Burke, L. Zhang, T. Yoneda, R. Ohnishi, and E. Muramoto. Real-time streaming data delivery over named data networking. *IEICE Transactions on Communications*, E99.B(5), 2016

**Z. Wang**, Z. Qu, and J. Burke. Demo overview-matryoshka: Design of NDN multiplayer online game. In *Proceedings of the 1st International Conference on Information-centric Networking*, ICN '14, pages 209–210, New York, NY, USA, 2014. ACM

## AWARDS & SCHOLARSHIPS

Outstanding Senior Student of Xi'an Jiaotong University (10%)	2014
Meritorious Winner of International Mathematical Contest in Modelling	2013
UCLA-CSST Scholarship (9000 USD)	2013
3 <sup>rd</sup> Class Award in ACM Competition of Xi'an Jiaotong University	2011