Zhehao Wang

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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++, 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 Internet of Things framework (C++, Python, JS, C#) and example application. The framework implements trust and bootstrap, device discovery, and application pub/sub in a home context; and the example application provides an exploratory entertainment experience via person tracking, wearable devices, and user mobile phone
  – 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 2nd *ACM Conference on Information-Centric Networking*
· **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 system 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 Modeling	2013
UCLA-CSST Scholarship (9000 USD)	2013
3rd Class Award in ACM Competition of Xi'an Jiaotong University	2011