

# Zhehao Wang

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## EDUCATION

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### 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

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**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

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**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 *2<sup>nd</sup> 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

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## AWARDS & SCHOLARSHIPS

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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
3 <sup>rd</sup> Class Award in ACM Competition of Xi'an Jiaotong University	2011