

# Zhehao Wang

zwang@hudson-trading.com

## WORK EXPERIENCE

---

### Hudson River Trading

Dec 2018 - Present

*Algorithm Engineer*

- **Global Equities Market Making Team**

- Design, implement and problem-shoot strategies in an automated trading platform (C++).
- Optimize low latency live trading, improve performance and throughput of automated trading strategies (C++).
- Apply and utilize computer modeling to forecast the performance of investment vehicles and improve trading algorithms (C++, Python).
- Implement software protocols and interfaces to support trading on new markets, and maintaining proprietary software tools to manage trading operations across exchanges (C++, Python).

### Bloomberg LP

Jun 2017 - Dec 2018

*Software Engineer*

- **Derivatives Pricing Team**

- Build microservice which provides structured product loading functionality as a software service (C++).
- Expand and maintain Bloomberg Terminal and API pricing coverage for financial products in emerging markets (C++).
- Design and implement a distributed logging service and automated tests integrated with pricing engine (Python, C++).

### UCLA

Feb 2014 - May 2017

*Software Engineer, Graduate Student Researcher*

- **Named Data Networking** (NDN) future Internet architecture project, funded by the NSF
  - Design trust and bootstrap, device discovery, and application publish/subscribe in a smart home context (C++, Python, JavaScript, C#).
  - Design and implement a mobile health application to demonstrate data encryption and verification in a content-centric network (Java).
  - Design and implement a multiplayer online game for distributed synchronization study in a content-centric network (C#).
- **Future of Storytelling** project
  - Implement a markup parser to turn screenwriting languages into webpage with active components (HTML, JavaScript, Python).
  - Implement roleplaying game experience with participants receiving realtime feed from Google Glass (Java, JavaScript).

## EDUCATION

---

### University of California, Los Angeles

Sep 2015 - Apr 2017

M.S. in Computer Science

Advisor: Lixia Zhang

GPA: 3.9/4

### Xi'an Jiaotong University, China

Sep 2010 - Jun 2014

B.S. in Computer Science

Major GPA: 89/100

## SKILLS & PROFILES

---

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

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

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

## AWARDS & SCHOLARSHIPS

---

Outstanding Senior Student of Xi'an Jiaotong University (10%) 2014

Meritorious Winner of International Mathematical Contest in Modeling 2013

UCLA-CSST Scholarship 2013

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