

# Yuchen Dong

✉ dongyc\_nju@163.com · ☎ (+86) 151-9590-7609 · 🔗 <http://github.com/tavaresdong>

## 🎓 EDUCATION

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**Nanjing University**, Nanjing, China 2013 – 2016

*Master student* in Computer Science and Technology.

**Nanjing University**, Nanjing, China 2008 – 2013

*B.S.* in Computer Science and Technology. one year sick leave.

## 👥 EXPERIENCE

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**Morgan Stanley** Shanghai, China 2016 – Present

*C++ Developer* Team: E-Trading infrastructure

Developing core trading infrastructure

- Content pub/sub system integration with JSON/GPB.
- Fix message library development, performance tuning and message diagnostic tool development.
- Event-driven trading infrastructure development.
- High availability solution development based on multicast and TCP.

**Alibaba Inc.** June. 2015 – Sept. 2015

*C++ Developer* Team: Searching BU

Developing product score ranking service. Implement ranking service for query engine.

**Accumulator: A Program Analyzer** June. 2015 – Sept. 2015

*Developer* Master research project

Developing Java program analyzer based on eclipse jdt and antlr, applying verification techniques like theorem proving and data-flow analysis.

**oplib** June. 2015 – present

*Developer* Individual project

Individual project: a libraries developed for fun at [github.com/tavaresdong/oplib.git](https://github.com/tavaresdong/oplib.git)

- a Tiny STL container library including vector/list/set/map/unordered\_map/unordered\_set and heap, trie. supporting C++11/14 features.
- A reactor-pattern network library mimicing muduo, applying one-loop per thread and multi-threaded server model.

## ⚙️ SKILLS AND INTERESTS

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- Programming Languages: C++ > C > Python = shell = Java = Go
- Platform: Linux System Programming
- Interests: Linux Network Programming, Multithreaded Programming, Redis, SQL, Go, Distributed system

## ♥️ MAJOR HONORS AND AWARDS

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National Scholarship Sept. 2010

Nanjing University People's scholarship level 1 Sept. 2011

Huawei Scholarship Sept. 2012

Morgan Stanley new trainee guru award Nov. 2016