

# Terry Tao

## Software Engineer



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### BASIC INFO

LEGAL NAME	Tao Tao
GENDER	Male
MAJOR	Computer Sciences
DEGREE	Master of Science
EXPERIENCE	11 years

### SKILLS

Java (the most fluent), C/C++, Scala, Javascript, Python, PHP  
MySQL, Elastic Search, MongoDB  
Spring Framework, Laravel, VueJS  
AWS, AliCloud, Restful, Docker, Microservice  
JIRA, Agile, Scrum, Git

### WORK EXPERIENCE

#### MEhome Realty *Senior Software Engineer*

MAY 2021 – PRESENT

Working on the development and maintenance of the MEhome website which is deployed on AWS.

- Write frontend web pages / mobile app and backend services with PHP/Laravel and VueJS.
- Improve the performance and user experience of the website by optimizing code design, database queries, etc.
- Designed the new data system based on Elastic Search, and made the transition plan. Pushing through the refactor of the data system, improving the performance and user experience.

#### Digitech, Inc. *Software Team Lead*

MAY 2016 – MARCH 2019

Built up the software development team. Responsible for all aspects of software development and mentored junior engineers. Lead the development of several software projects, including:

- A messaging system for a Beidou antenna experimenting platform and a few tools around the system.
- A UAV position monitoring system with Beidou module, Java/Spring, MySQL and Redis.
- A distributed DSP cluster management system with Java/Spring, MySQL and Etcd.

#### DataYes, Inc. *Senior Software Engineer*

APRIL 2013 – APRIL 2016

Worked on the Product Management System which manages users' stock portfolios and provide other functions such as evaluation and attribution.

- Designed and implemented the Portfolio Management System in Java, Scala, Spring, MySQL and related technologies.
- Exposed APIs to users and other products in the company.
- Communicate and coordinate with Product Manager and other teams.

#### i-MD.com *Software Engineer*

JUNE 2012 – APRIL 2013

Worked on the medical document download service implemented in Java/Scala and MongoDB. Designed and implemented the new user system, and migrated the website from the old one. Built the user data tracking system, and analyzed the user data.

#### Morgan Stanley *Software Engineer, Contract*

MAY 2011 – JUNE 2012

Worked in Morgan Stanley IT department as a contractor. Responsible for designing, implementing and maintaining the Interest Rate Derivative yield curve services. Provided data and support to traders, and other teams in IT department.

#### Oracle *Application Developer*

DECEMBER 2008 – APRIL 2011

Worked on the development of P6 API and P6 Web Services. Implemented the data exporter of the P6 API.

### EDUCATION

2006 – 2008 **Master of Science**  
Computer Sciences  
Villanova University

2002 – 2006 **Bachelor of Science**  
Computer Sciences and Technologies  
Beijing University of Posts and Telecommunications