

Terry Tao

Software Engineer



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BASIC INFO

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

SKILLS

Java, C/C++, Scala, Javascript, Python, PHP
MySQL, Elastic Search, MongoDB
Spring Framework, Laravel, VueJS
AWS, AliCloud

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.

- Import realty listing data from various data sources and do the data cleaning.
- Write frontend web pages / mobile app and backend services with PHP/Laravel and VueJS.
- 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

Responsible for the architecture design and implementation of the Portfolio Management System. Also took responsibilities in management, which includes designing features, making development plans, communicating and coordinating with other teams.

i-MD.com *Software Engineer*

JUNE 2012 – APRIL 2013

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