

# Xingyu Zhao

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## Personal Information

Male/1992

Education : Master / Tianjin University

Major : EE

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## Internship Experience

**Alibaba Ant Financial - OceanBase Database Kernel R&D Intern (May 2016 until now)**

Responsible for the improvement of query optimizer algorithm, and made some contributions in SQL rewriting and optimization module.

**PingCAP – TiDB Database Kernel R&D Intern (February 2016 to May 2016)**

Responsible for the development of the distributed database compatible with MySQL protocol named TiDB, and made some contributions in Online DDL and Join Order.

**Baidu - Front End Development Intern (July 2014 to 2014 October)**

Responsible for the development of PC and Mobile front end of 2014 Baidu campus recruitment website. Realized the requirements of the complex animations, and implemented a Promise like time schedule controller to overcome the callback hell in javascript. And made some contributes to iSlider.

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## Open Source Projects

**TiDB** : <https://github.com/pingcap/tidb>

A distributed SQL database which inspired by the design of Google F1, and it supports the best features of both traditional RDBMS and NoSQL. Such as horizontal scalability, asynchronous schema changes and consistent distributed transactions. (4500star)

**PingPHP** : <https://github.com/zxylvlp/PingPHP>

A PHP code generator which use Python like grammar. It similar with CoffeeScript programming language <https://github.com/jashkenas/coffeescript>.

**Vim-PingPHP** : <https://github.com/PingPHP/Vim-PingPHP>

A Vim plugin of PingPHP Programming Language which supports syntax highlighting and autoindent.

**iSlider** : <https://github.com/be-fe/iSlider>

A lightweight, high-performance, no library dependencies cross-platform slide controller. (900star)

**TimeScheduleController** : <https://github.com/zxylvlp/TimeScheduleController>

A Promise like time schedule controller used for complex animations to overcome callback hell in javascript.

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## List of Skills

C++ Language, STL Internal Implementation, Multithreaded Programming, Network Programming, Data Structures and Algorithms

Machine Learning, Information Retrieval and Natural Language Processing

Go, Python, MATLAB, C, Shell, Node.js, Java, PHP and SQL Programming Languages

Javascript, Front End Frameworks and Tools, CSS Layout

Svn, Git Revision Control Tools

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## Entrepreneurial Experience

**MatePlaza - A Plaza For Schoolmates** : <http://www.mateplaza.com>

Aim is to achieve the revival of the original BBS and break down the barriers between Schoolmates.

Soon after, Renren <http://www.renren.com/> launched a similar one. This website is offline now, but

the informations can be seen in ITOrange <https://www.itjuzi.com/company/13691>. It uses Golang, Mysql and compatible with all browsers.

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### **Published Paper**

Effects of MBS addition on the low temperature sintering and microwave dielectric properties of Li<sub>3</sub>Mg<sub>2</sub>NbO<sub>6</sub> ceramics (SCI)

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### **Project Experiences**

**IQM Cloud Monitoring System** : <http://iqm.cn> (April 2011 to April 2013)

Research and Development

**Tianjin University Video Center** : <http://see.tju.edu.cn> (July 2013 to July 2014)

Research, Development and Maintenance