

# Shijiang Chen

School of Software, Tsinghua University

## Contact

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## Community

 chenshijiang

 Dectinc

## Programming

Java, Python

Matlab, C/C++

Jetty, Tornado

SQL, MongoDB, Redis

## Tools

Mac OS, Linux

Eclipse

JetBrains Series

SVN, Git

## Education

- |               |   |                |
|---------------|---|----------------|
| Since 8/2013  | Graduate Student in Software engineering, THSS                                | GPA: 90.31/100 |
|               | • Two Comprehensive Merit Scholarship of Tsinghua University                  |                |
| 8/2009-7/2013 | Bachelor of Engineering in Computer Software, THSS                            | GPA: 87.21/100 |
|               | • Vice President, Association for Science and Technology, School of Software. |                |
|               | • Scholarship of Academic Excellence of Tsinghua University                   |                |
| 8/2010-7/2013 | Bachelor of Economics, second degree, SEM, THU                                | GPA: 84.87/100 |

## Projects

- |                |   |                               |
|----------------|---|-------------------------------|
| since 10/2014  | Multimedia Event Detection  | TrecVID MED, Research Project |
|                | • Retrieving relevant videos based solely on the audio and visual content.  |                               |
|                | • Performing event detection using semantics attributes, combined with fused low-level features, and boosting performance by introducing DCNN.  |                               |
| 4/2014-2/2015  | Tetra Fusion Engine   | Startup Project               |
|                | • The system collects and analyzes business information in real time. I implemented the crawler for marketing news, stock quotation and weibo etc.  |                               |
| 9/2014-11/2014 | MID Demo  | Cooperation Project           |
|                | • MIGDemo provides a realtime web service for online processing of multimedia contents. It consists of server processing modules, such as car recognition, event detection and human detection.                                   |                               |
| 7/2012-6/2013  | Short Text Classification Based on Topic Model and Deep Learning  | Undergraduate Thesis          |
|                | • To overcome the sparseness of feature and lack of content in short text classification, I propose an optimal solution for adopting multi-granularity topic model and deep learning methods, which improves the precision a lot. |                               |

## Experience

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|----------------|---|--------------------|
| since 9/2013   | Tsinghua University, Beijing  | Teaching Assistant |
|                | Design and assign projects for both undergraduates and graduates.             |                    |
| 6/2014-9/2014  | Shenma mobile search, Beijing   | Internship         |
|                | Design and implement transcoding monitor framework and several other modules. |                    |
| 6/2013-9/2013  | Wireless search BU, Alibaba, Beijing  | Internship         |
|                | Automated testing of functionality and performance of Hubble crawler system.  |                    |
| 10/2012-3/2013 | Easyroid Tech., Beijing   | Internship         |
|                | Design and implement several Android apps.                                    |                    |

