

Shijiang Chen

School of Software, Tsinghua University

Contact

☎ 15210560972
✉ i@dectinc.cc
🌐 http://dectinc.cc
Room 11-417
East Main Building
Tsinghua University
Haidian, Beijing

Community

in 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 **School of Software, Tsinghua University** GPA 90.31/100
- Graduate Student, Software engineering
 - Two Comprehensive Merit Scholarship of Tsinghua University
- 8/2009-7/2013 **School of Software, Tsinghua University** GPA 87.21/100
- Bachelor of Engineering, Computer Software
 - Vice President, Association for Science and Technology, School of Software
 - Scholarship of Academic Excellence of Tsinghua University
- 8/2010-7/2013 **School of Economics and Management, Tsinghua University** GPA 84.87/100
- Bachelor of Economics(Second degree), Economics

Projects

- since 10/2014 **Multimedia Event Detection** Research Project, leader and main developer
- Task of TRECVID, 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, main developer
- TFE is a system that collects and analyzes business information in real time.
 - Design and implement the crawler framework, task scheduling system and data management system.
- 9/2014-11/2014 **MIGDemo** Cooperation Project, leader and main developer
- 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.
 - Develop the web service framework and event detection module.
- 2014/6-2014/7 **TransMonitor** Intern Project, main developer
- A framework for monitoring transcoding results of Shenma mobile search, which provides a daily report for the whole team and the group supervisor.
- 7/2012-6/2013 **Short Text Classification Based on Topic Model and Deep Learning** Undergraduate Thesis
- As short texts do not provide sufficient word occurrences, traditional classification methods such as Bag-of-Words have limitations. To mitigate the problem, I propose to take advantage of multi-granularity topic model and adopt deep learning methods. The proposed approach achieves a high accuracy of text classification.

Experience

- 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
 - Develop modules like configuration and B/W list management, logs statistics
- 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
- SayHi!(Android, over 10M users) updates and maintenance
 - Design and develop several Android apps