

Shijiang Chen

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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

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|---------------|--|---------------|
| 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

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|----------------|--|--|
| 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

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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 | |
| | • 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 | |