Shijiang Chen

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Community

🔗 chenshijiang
🐙 Dectinc

Programming

Java, Python
Matlab, C/C++
Tornado, Jetty
SQL, MongoDB, Redis

Tools

Linux, Mac OS
Eclipse
JetBrains Series
SVN, Git

Education

Since 8/2013	**School of Software, Tsinghua University**	GPA 90.31/100

• Graduate Student, Software engineering
• Scholarship for Comprehensive Merit, Tsinghua University, Twice

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 for Academic Excellence, 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 2/2015 Image Representation Optimization Based on Local Descriptors and CNN
Research Project, main developer
• Learning compact image descriptors based on local descriptors and CNN, aiming to suppress visual bursts for BoF based image search systems
• Implemented the representation optimization alogrithm in Matlab and Java

4/2014-2/2015 Tetra Fusion Engine
Startup Project, main developer
• TFE is a system that collects and analyzes business information in real time
• Personally implemented key components including the crawler framework, task scheduling and data management system in Java and Shell

9/2014-11/2014 MIG Platform
Cooperation Project, leader and main developer
• MIGDemo provides a realtime web service for online processing of multimedia contents. It consists of several processing mudules, such as car recognition, event detection and human detection
• Implemented the web service based on Jetty and event detection module

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 adevantage of multi-granularity topic model and adopt deep learning methods
• Personally designed and implmented the classification system in Java

Experience

since 7/2015 Search Technology Center, Microsoft, Beijing
Intern
• Based on Cosmos, help improving relevance performace of image verticle search with snippets from Bing

9/2013-7/2015 Tsinghua University, Beijing
Teaching Assistant
• Design and assign projects for both undergraduates and graduates

7/2014-10/2014 Shenma mobile search, Beijing
Developer Intern
• 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
Algorithm Engineer Intern
• Automated testing of functionality and performance of Hubble cralwer system

10/2012-3/2013 Easyroid Tech., Beijing
Android Developer Intern
• SayHi!(Android, over 10M users) updates and maintenance
• Design and develop several Android apps