Zhaohao ZENG

CONTACT

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EDUCATION

Sep 2015 – Current	**Waseda University**	Tokyo, JP
	M.Eng in Computer Science	
	Supervisor: Prof. Tetsuya SAKAI	
Sep 2013 – Jun 2015	**University of Liverpool**	Liverpool, UK
	B.Eng with Honours in Electronics	
Sep 2011 – Sep 2013	**Xi'an Jiaotong-Liverpool University**	Suzhou, CN
	B.Eng in Electronics Science and Technology	

PROJECTS

Feb 2016 – Current

Evaluation of HelpDesk System on Weibo

Python was used to crawl and extracted some dialogues which are similar to HelpDesk on Weibo, and some state-of-art IR metrics(e.g. S-measure) are applied to evaluate them.

Oct 2015 – Current

Cross-Device Targeting with Big Data

Applied unsupervised learning algorithms on a big data collection provided by Wider Planet, Inc. to target different devices for serving targeted advertising to consumers across multiple digital devices, with Apache Spark and Scala.

Jan 2016 – Feb 2016

Kaggle: Airbnb New User Bookings

Applied Gradient Boosting to predict Airbnb new user's first booking destination with R language, and got a nearly 0.8 nDCG@5 score.

Jan 2016 – Feb 2016

Github Archive Analysis

Analysed and Visualised the relationships between different programming languages and popular repos via analysing developers' commits, pull requests and stars with Google BigQuery.

Sep 2014 – May 2015

Automatic Timetable Scheduling

Developed a genetic algorithm based solution to solve an NP problem: university timetable scheduling problem, with C++, Python and Obj-C.

SKILLS

IT: Python, Scala, R, C++, Java, SQL, Markdown, and LaTeX
          OS X, Linux, Vim, Emacs, and Apache Spark

Language: English, Japanese, and Chinese

SCHOLARSHIPS

Oct 2015 – Current | **Monbukagakusho Honours Scholarship**
The Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japanese Government.

Sep 2013 – Current | **Partial Tuition-waiver Scholarship**
Waseda University & The University of Liverpool

MOOC CERTIFICATES

University of Washington	**Practical Predictive Analytics**
University of Washington	**Data Manipulation at Scale**
Stanford University	**Machine Learning**
Stanford University	**Algorithms: Design and Analysis**
John Hopkins University	**The Data Scientists Toolbox**
The University of Tokyo	**From the Big Bang to Dark Energy**
University of Pennsylvania	**Probability**
University of Illinois at Urbana-Champaign	**Pattern Discovery in Data Mining**
University of Illinois at Urbana-Champaign	**Text Retrieval and Search Engines**
University of Illinois at Urbana-Champaign	**Text Mining and Analytics**