Zhaohao ZENG

CONTACT

Tel:	(+81) 070-4015-6227	Address:	05-24, Bldg 63, Waseda Univ, Tokyo
E-mail:	zhaohao.zeng93@gmail.com	GitHub:	https://github.com/matthew-z

EDUCATION

Sep 2015 – PRESENT | **Waseda University** — Tokyo, JP
M.Eng in Computer Science, 3.7/4.0
Supervisor: Prof. Tetsuya SAKAI

Sep 2013 – Jun 2015 | **University of Liverpool** — Liverpool, UK
B.Eng with Honours in Electronics, 3.7/4.0

Sep 2011 – Sep 2013 | **Xi'an Jiaotong-Liverpool University** — Suzhou, CN
B.Eng in Electronics Science and Technology
Transferred after I completed Year-0 and Year-1

PROJECTS

Oct 2015 – PRESENT | **Cross-Device Targeting with Big Data**
Applied unsupervised learning algorithms on a big data collection provided by WiderPlanet Co. to target different devices for serving targeted advertising to consumers across multiple digital devices such as PC, smart phone and tablet, 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 and got nearly 0.8 nDCG@5 score.

Jan 2016 – Feb 2016 | **Github Archive Analysis**
Visualised the relationships between different programming languages and popular repos via analysing developers' commits, pull requests and stars with Google BigQuery and Gapplin. Also, the weights of repos are calculated via analysing the networks between repos and developers via PageRank algorithm with Spark.

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. Furthermore, automatic parameters tuning and closed pattern mining algorithms are applied to accelerate the processing.

SKILLS

IT:	C++, Python, R, Scala, SQL, Markdown, and LaTeX
	OS X, Linux, Vim, Emacs, and Apache Spark
Language:	English, Japanese, and Chinese

SCHOLARSHIPS

`Oct 2015 – Present`	**Monbukagakusho Honours Scholarship** The Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japanese Government.
`Sep 2015 – Sep 2016`	**Partial Tuition-waiver Scholarship** Waseda University
`Sep 2013 – Jun 2015`	**Partial Tuition-waiver Scholarship** 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**