

Zhaohao Zeng

CONTACT

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

EDUCATION

Sep 2015 - PRESENT	Waseda University, Tokyo <i>Master of Engineering in Computer Science, 3.7/4.0</i> Advisor: Prof. Tetsuya Sakai
Sep 2013 - Jun 2015	University of Liverpool, Liverpool <i>Bachelor of Engineering with Honours in Electronics, 3.7/4.0</i>
Sep 2011 - Sep 2013	Xi'an Jiaotong-Liverpool University, Soochow City <i>Bachelor of Engineering in Electronics Science and Technology</i> (Transferred to the UOL after I completed Year-0 and Year-1)

RESEARCH 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, calculated weights of repos via analysing the networks between repos and developers via PageRank algorithm with Spark.
Nov 2015 - Dec 2015	Japan 2011 Earthquake Analysis Analysed and visualised the earthquake data which was collected in Japan 2011 earthquake with R. My aim is to see if the earthquakes happened near the big earthquake obey any distributions temporally and spatially.
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.

SCHOLARSHIPS & FUNDING

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

SKILLS

IT: C++, Python, R, Scala
 OS X, Linux, SQL, Hadoop, Spark and LaTeX

Language: English, Japanese, and Chinese