

Zhaohao Zeng

📍 0524, Bldg 63, Waseda Univ, Tokyo, Japan
☎ +81 070-4015-6227
✉ zhaohao.zeng93@gmail.com
🔗 Github.com/matthew-z

EDUCATION

SEP 2015 – SEP 2017

Master, Computer Science, GPA 3.7/4.0
Waseda University, Japan
Supervisor: Prof.Tetsuya Sakai

SEP 2013 – JUN 2015

Bachelor, Electronics, with 2:1 Honours
University of Liverpool, U.K

SEP 2011 – JUN 2013

Electronics Science, Xi'an Jiaotong -
Liverpool University, P.R.C.
Transferred to Liverpool

SKILLS

Python, R, C++, SQL, Scala, LaTeX, Apache Spark,
Django, Linux, Emacs, Vim

Chinese, English(GRE 322/340), Japanese

PROJECTS

MAY 2016 – PRESENT

Data Crawling & Dialogue Evaluation

Evaluation of HelpDesk System on Weibo

Built a helpdesk dialogue test collection by crawling dialogues on Weibo with **Python**, and designed a suite of language-independent evaluation measures for quantifying the success of each dialogue.

Publication: T. Sakai, Z. Zeng, and C. Luo. *Evaluating Helpdesk Dialogues: Initial Considerations from An Information Access Perspective*. IPSJ 228, to appear, Osaka, Japan, Oct 2016.

OCT 2015 – APR 2016

Machine Learning & Big Data

Cross-Device Targeting with Big Data

Applied an 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

Machine Learning

Kaggle: Airbnb New User Bookings

Applied Gradient Boosting to predict Airbnb new users first booking destination with **R**, and got a nearly 0.8 nDCG@5 score.

JAN 2016 – FEB 2016

Data Mining & Visualisation

Network Analysis of Contributors on Github

Analysed and visualised the relationships between different programming languages and popular repositories via analysing all developers commits, pull requests and stars on Github with **Google BigQuery and Apache Spark**.

SEP 2014 – MAY 2015

NP Problem

Automatic Timetable Scheduling

Developed a program based on genetic algorithm to solve an NP problem: university timetable scheduling problem, with **C++**.

HONOURS

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

2015 Partial Tuition-waiver Scholarship
Waseda University

2013 Partial Tuition-waiver Scholarship
University of Liverpool

MOOC CERTIFICATES

STANFORD UNIVERSITY

Machine Learning

Algorithms: Design and Analysis

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Text Retrieval and Search Engines

Text Mining and Analytics

Pattern Discovery in Data Mining

UNIVERSITY OF PENNSYLVANIA

Probability

UNIVERSITY OF WASHINGTON

Data Manipulation at Scale: Systems and Algorithms

Practical Predictive Analytics: Models and Methods

JOHNS HOPKINS UNIVERSITY

The Data Scientists Toolbox

THE UNIVERSITY OF TOKYO

From the Big Bang to Dark Energy