Zhaohao Zeng

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EDUCATION

SEP 2011 – JUN 2013
Bachelor, Electronics Science, Xi'an Jiaotong - Liverpool University, P.R.China. Transferred to UoL.

SEP 2013 – JUN 2015
Bachelor, Electronics, with 2:1 Honours
University of Liverpool, U.K.

SEP 2015 – SEP 2017
Master, Computer Science, GPA 3.7/4.0
Waseda University, Japan.
Information Retrieval, Advisor: Prof.Tetsuya Sakai

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++**.

HONOR

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