

# Zhaohao Zeng

## CONTACT

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## EDUCATION

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

## RESEARCH PROJECTS

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Oct 2015 - PRESENT	<b>Cross-Device Targeting with Big Data</b> Major contributor, Collaborator: Dr. Young-in Song  Applying 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.
Sep 2014 - May 2015	<b>Automatic Timetable Scheduling</b> Sole contributor, Advisor: Prof. Jason Ralph  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.

## EMPLOYMENT

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Dec 2012 - Feb 2013	<b>Bank of East Asia, Soochow City</b> Intern, Corporate Banking Office  The responsibility was analysing the financial statement of companies requesting loans, and writing reports to illuminate the financial status of each client company to the loan checking-up and granting office. we successfully completed several loan applications for client companies.
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## SCHOLARSHIPS & FUNDING

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

## MOOC CERTIFICATES

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

## SKILLS

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

Language:    English, Japanese, and Chinese