

# Ying-Chun (Jean) LIN

## PERSONAL DATA

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EMAIL: [ljn101106@gmail.com](mailto:ljn101106@gmail.com)  
PROGRAM: Computer Science & Engineering Ph.D.  
U-M ID: 52851444  
PERSONAL WEBSITE: [ycjeanlin.github.io](http://ycjeanlin.github.io)

## RESEARCH INTERESTS

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My research interests are in Data Mining, Recommender Systems and Machine Learning. I am fascinated by how to find the valuable knowledge from the abundance of data and further improve human life. Today, the information around us is too much to consume. Motivated by the information explosion, I recently focus on how to filter the information around us and help us to make better choices.

In the field in Machine Learning and Data Mining, the purposes of my Ph.D. programs are (1)developing new mining algorithms to extract valuable knowledge from data, especially graph-based algorithms, (2) designing novel learning models to abstract a complex system, such as probabilistic models, and finally (3)helping people utilize the valuable knowledge to make better decisions in their daily life.

## EDUCATION

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JUL 2017	Ph.D. in COMPUTER SCIENCE
FEB Present	<b>Purdue University</b> , USA Advisor: Prof. Jennifer NEVILLE
JUN 2016	Master of Science in COMPUTER SCIENCE
FEB 2014	<b>National Cheng Kung University</b> , Taiwan (R.O.C.) Thesis: "Towards Click-Refreshing Recommendation with Instant User Intent" Advisor: Prof. Kun-Ta CHUANG and Prof. Vincent S. TSENG GPA: 91.12/100
JUN 2013	Bachelor of Science in ELECTRICAL ENGINEERING
SEP 2009	<b>National Cheng Kung University</b> , Taiwan (R.O.C.) GPA: 3.71/4.0
FALL 2012	Exchange Semester in ELECTRICAL ENGINEERING <b>Auburn University</b> , Auburn, Alabama GPA: 4.0/4.0

## PUBLICATIONS

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- APR 2017 **Ying-Chun Lin**, Chi-Hsuan Huang, Chu-Cheng Hsieh, Yu-Chen Shu, Kun-Ta Chuang, Monetary Discount Strategies for Real-Time Promotion Campaign, In *Proceedings of the 26th International Conference on World Wide Web* (accepted by WWW '17)
- OCT 2016 **Ying-Chun Lin**, Po-An Yang, Yen-Kuan Lee, Kun-Ta Chuang, Generation of Conceptual-Level Text Cloud with Graph Diffusion, In *Proceedings of 28th Conference on Computational Linguistics and Speech Processing* (ROCLING '16)
- MAY 2015 **Ying-Chun Lin**, Cheng-Wei Wu, Vincent S. Tseng, Mining High Utility Itemsets in Big Data, In *Proceedings of the International Pacific-Asia Conference on Knowledge Discovery and Data Mining*, pp.649 - 661. (PAKDD '15)

## AWARDS

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- FEB 2015 **Award of Excellence in the TSMC Big Data Competition**  
Big Data Analytics for Semiconductor Manufacturing

## WORK EXPERIENCE

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| Jun<br>SEP 2016      | Research Assistant<br><b>Academia Sinica</b> , Taiwan<br>Working on a research problem related to Spatial Query, algorithm design, and computational theory with Prof. De-Nian Yang (research fellow in Academia Sinica)<br>Performing research tasks, such as surveying or reviewing papers |
| Aug 2015<br>JUL 2015 | Intern of Software engineering / Search Team<br><b>Yahoo</b> , Taiwan<br>Worked for a project "Search Nearby" in which the search result is adjusted according to the ephemeral needs and location of users  |
| JAN 2014<br>AUG 2013 | Research Assistant<br><b>National Cheng-Kung University</b> , Taiwan<br>Studied the topic of how to disseminate messages via mobile P2P network<br>Implemented and maintained the website of PAKDD 2014  |
| Jul 2013<br>JAN 2013 | Software Engineer<br><b>MRI Center in National Cheng-Kung University</b> , Taiwan<br>Implemented and maintained the center website   |

## PROJECTS

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| Present<br>SEP 2016  | <b>Slice Technologies Inc.</b> , CA, USA<br>Working on a research topic "Finding the experts"  |
| Dec 2014<br>JUL 2014 | <b>Industrial Technology Research Institute</b> , Taiwan<br>Worked on a research topic "An Efficient Algorithm for On-Shelf Sequential Pattern Mining" |

## LANGUAGES

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CHINESE:   Mothertongue

ENGLISH:   TOEFL reading:26, listening:28, speaking:23, writing:25

## KEY SKILLS

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Programming Language:   JAVA, C, C++, PHP, MATLAB, PYTHON, R,

Web Programming:       HTML, CSS, JQUERY

Other:           GIT, L<sup>A</sup>T<sub>E</sub>X