YIPING JIN

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Room 704, C Residence, 28 Rama 6 Soi 5

Bangkok 10330

EDUCATION

Chulalongkorn University, Thailand   *Jan 2019 - NOW*
Ph.D. in Computer Science
Research into natural language processing (NLP)
Recipient of 100th Anniversary Chulalongkorn University for Doctoral Scholarship

Chulalongkorn University, Thailand   *Jan 2017 - Dec 2018*
M.Sc. in Computer Science
Research into natural language processing (NLP)
Ranked No. 1 among all Master's students in recent years
Overall GPA 4 / 4

National University of Singapore (NUS)   *Aug 2009 - June 2013*
B.Comp. in Computer Science (1st Class Honors Degree)
Specialized in NLP, Data Mining and Machine Learning

Member of von Neumann Special Programme
Recipient of Singapore Ministry of Education Full Scholarship
Dean's List Award 3 out of 7 semesters
Overall CAP: 4.68 / 5

GLOBAL EXPERIENCE

ETH Zurich   Feb 2012 - Sep 2012

· Student Exchange Programme
· German Language B-2.2 Certificate

Universität Leipzig, Germany   July 2011 - Aug 2011

· Summer Language Course
· Recipient of German Academic Exchange Service (DAAD) Scholarship
· German Language B-2 Certificate
· Topped the class among many German studies major students

Universität Ulm, Germany   June 2010 - July 2010

· International Summer Programme
· Recipient of Baden-Württemburg Scholarship, Germany
· Grade: A for all the courses

WORK EXPERIENCE

Knorex Pte. Ltd.   Jan 2018 - NOW
Senior Research Scientist & Technical Manager   *Singapore*

· Aiming to build up first-class R&D team in South East Asia.
· Lead of NLP team.

· Interim lead of data science team (April 2017 - Oct 2018).
· Research into NLP for online advertising.
· Deliver research grant projects.
· Play a crucial role to build up the company's intellectual property profile.

Knorex Pte. Ltd.   July 2016 - Dec 2017
Senior Research Engineer   *Singapore*

· Build up data science team from scratch and work on AI-powered real-time bidding system.
· Research into NLP for online advertising.

Knorex Pte. Ltd.   Sep 2015 - June 2016
Research Engineer   *Singapore*

· Research into natural language processing projects.
· Delivered several prototypes and research grant projects.

Baidu-I^{2}R Research Centre, A-STAR   Jan 2014 - June 2015
Research Engineer   *Singapore*

· Research into NLP and information extraction topics.

National University of Singapore   Nov 2012 - Dec 2013
Undergraduate Researcher & Research Assistant   *Singapore*

· Developed spatio-temporal data mining and visualization tools.
· Developed cloud-based medical image system using Ruby on Rails.

PUBLICATIONS

Yiping Jin, Min-Yen Kan, Jun-Ping Ng and Xiangnan He (2013). Mining Scientific Terms and their Definitions: A Study of the ACL Anthology. *Proceedings of Conference on Empirical Methods in Natural Language Processing (EMNLP 2013)*. Seattle, USA.

Yiping Jin, Phu Le (2016). Selecting Domain-Specific Concepts for Question Generation With Lightly-Supervised Methods. *Proceedings of the 9th International Natural Language Generation Conference (INLG)*. Edinburgh, Scotland.

Yiping Jin, Dittaya Wanvarie, Phu Le (2017). Combining Lightly-Supervised Text Classification Models for Accurate Contextual Advertising. *Proceedings of the 8th International Joint Conference on Natural Language Processing (IJCNLP 2017)*. Taipei, Taiwan.

Bao-Dai Nguyen-Hoang, Bao-Tran Pham-Hong, Yiping Jin, Phu T.V.Le (2018). Genre-Oriented Web Content Extraction with Deep Convolutional Neural Networks and Statistical Methods. *Proceedings of the 32nd Pacific Asia Conference on Language, Information and Computation (PACLIC 32)*. Hong Kong, China.

Yiping Jin, Dittaya Wanvarie, Phu Le (2019). Bridging the Gap between Research and Production with CODE. *Proceedings of the Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2019)*. Macau, China.

Nontawat Charoenphakdee, Jongyeong Lee, Yiping Jin, Dittaya Wanvarie, Masashi Sugiyama (2019). Learning Only from Relevant Keywords and Unlabeled Documents. *Proceedings of Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP)*. Hong Kong, China.

Yiping Jin, Dittaya Wanvarie, Phu Le (2019). Learning From Noisy Out-of-Domain Corpus Using Dataless Classification. *Natural Language Engineering.* Cambridge University Press, UK.

TECHNICAL STRENGTHS

Expertises	NLP, Machine Learning, Computational Advertising
Research Focus	Dataless Classification, Text Classification
Computer Languages	Python, Java
ML Libraries	sklearn, Mallet, NLTK, OpenNLP, Stanford CoreNLP, etc.
DL Libraries	TensorFlow, PyTorch

LANGUAGE SKILLS

· Fluent spoken & written English and Mandarin
· Professional working proficiency for German (C1)
· Conversational Thai & Spanish (B1)

OTHER AWARDS

· "My Germany" Photo Competition 1st Place in Singapore
· Tembusu Residential College Pilot Program

EXTRACURRICULAR ACTIVITIES

NUS Toastmasters Club March 2009 - Sep 2011
· Toastmasters international competent communicators award.
· Five times best project speech and best impromptu speech award.
· Club sergeant-at-arms 2010/2011.
· Club meeting coordinator and mentoring program coordinator.
· Publicity director for recruitment drive 2009, 2010.
· Helped the club to become the biggest Toastmasters club in the world!

Chinese Young Entrepreneur and Mentoring Association 2010 - 2011
· Project manager: organized two entrepreneur talks with audience of 100 each.

REFEREES

· Assoc Prof Kan Min-Yen, kanmy [at] comp.nus.edu.sg
· Dr. Su Jian sujian [at] i2r.a-star.edu.sg
· Phu Le (Head of R&D Department), le_phu [at] knorex.com
· Dr. Justin Choo (CEO), justin_choo [at] knorex.com