

# Jyun-Yu Jiang

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## Education

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- University of California, Los Angeles**, California, United States *September 2016 - Spring 2021*  
— Ph.D. in Computer Science *(expected)*  
— Advisor: Prof. Wei Wang  
— Thesis Topic: *Multi-scale Heterogeneous Human Behavior Modeling*
- National Taiwan University**, Taipei, Taiwan *August 2013 - July 2015*  
— M.S. in Computer Science and Information Engineering (CSIE)  
— Advisor: Prof. Pu-Jen Cheng
- National Taiwan University**, Taipei, Taiwan *August 2009 - June 2013*  
— B.S. in Computer Science and Information Engineering (CSIE)

## Research Interests

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My research interests span the fields of machine learning, data mining, natural language processing, information retrieval, social science, and bioinformatics with both fundamental research and practical applications. More specifically, I am interested in **developing effective machine learning techniques and efficient algorithms to solve real-world problems** with the following directions:

### Deep Human Behavior Modeling

- Harnessing multi-domain data to comprehensively understand human behaviors in different scales

### Knowledge Discovery and Data Mining

- Designing solutions to mine knowledge from data and apply them to a wide range of problems

### Machine Learning Applications

- Developing machine learning algorithms with theoretical foundations for real-world problems

## Representative Publications

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- [40] **Jyun-Yu Jiang**, Chenyan Xiong, Chia-Jung Lee and Wei Wang. “Long Document Ranking with Query-Directed Sparse Transformer,” in *Proceedings of 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP 2020)*.
- [39] **Jyun-Yu Jiang**, Zeyu Li, Chelsea J.-T. Ju and Wei Wang. “MARU: Representation Learning for Heterogeneous Networks with Meta-context Aware Random Walks,” in *Proceedings of The 29th ACM International Conference on Information and Knowledge Management (CIKM 2020)*.
- [37] **Jyun-Yu Jiang\***, Patrick H. Chen\*, Cho-Jui Hsieh and Wei Wang. “Clustering and Constructing User Coresets to Accelerate Large-scale Top-K Recommender Systems,” in *Proceedings of the 2020 World Wide Web Conference (WWW 2020)*. (\*Equal contribution)
- [27] **Jyun-Yu Jiang**, Mingyang Zhang, Cheng Li, Michael Bendersky, Nadav Golbandi and Marc Najork. “Semantic Text Matching for Long-Form Documents,” in *Proceedings of the 2019 World Wide Web Conference (WWW 2019)*.
- [30] **Jyun-Yu Jiang\***, Zehan Chao\*, Andrea L. Bertozzi, Wei Wang, Sean Young and Deanna Needell. “Learning to Predict Human Stress Level with Incomplete Sensor Data from Wearable Devices,” in *Proceedings of The 28th ACM International Conference on Information and Knowledge Management (CIKM 2019)*. (\*Equal contribution).
- [24] **Jyun-Yu Jiang** and Wei Wang. “RIN: Reformulation Inference Network for Context-Aware Query Suggestion,” in *Proceedings of The 27th ACM International Conference on Information and Knowledge Management (CIKM 2018)*.

- [23] **Jyun-Yu Jiang**, Cheng-Te Li, Yian Chen and Wei Wang. “Identifying Users behind Shared Accounts in Online Streaming Services,” in *Proceedings of The 41st International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR 2018).
- [22] **Jyun-Yu Jiang**, Francine Chen, Yan-Ying Chen and Wei Wang. “Learning to Disentangle Interleaved Conversational Threads with a Siamese Hierarchical Network and Similarity Ranking,” in *Proceedings of The 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics* (NAACL 2018).
- [15] **Jyun-Yu Jiang**, Jing Liu, Chin-Yew Lin and Pu-Jen Cheng. “Improving Ranking Consistency for Web Search by Leveraging a Knowledge Base and Search Logs,” in *Proceedings of The 24th ACM International Conference on Information and Knowledge Management* (CIKM 2015).
- [13] **Jyun-Yu Jiang**, Yen-Yu Ke, Pao-Yu Chien and Pu-Jen Cheng. “Learning User Reformulation Behavior for Query Auto-Completion,” in *Proceedings of the 37th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR 2014).

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## Co-Authored Funding

I have started submitting funding proposals during my Ph.D. journey. I list some awarded funding results and ongoing proposal submissions, where **I composed the majority of the proposals**.

### Awarded Funding

<b>Dynamic Graph Neural Networks for Modeling and Monitoring COVID-19 Pandemic</b>	<i>2020-2021</i>
NSF-IIS-2031187 RAPID COVID-19 Research Grant. PI: Prof. Wei Wang.	\$114,000
<b>Multi-scale Heterogeneous Human Behavior Modeling</b>	<i>2020-2021</i>
UCLA Dissertation Year Fellowship. Awardee: Jyun-Yu Jiang.	\$37,272
<b>Adversarial Reformulation-Aware Query Suggestion</b>	<i>2019-2020</i>
Yahoo FREP Grant. PI: Prof. Wei Wang.	\$50,000
<b>CORALS: Who are My Potential New Customers?</b>	<i>2018</i>
Yelp Dataset Challenge Grand Prize.	\$5,000

### Proposal Submissions under Review

Besides the above funded results, I participated in **submitting more than nine funding proposals that are currently under review** for funding opportunities from governmental funding agencies (NSF, NIH, and IARPA) and industrial companies (Cisco, Amazon, and Sony).

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## Full Publications

### Refereed Conference Publications

- [41] Seungbae Kim, **Jyun-Yu Jiang** and Wei Wang. “Discovering Undisclosed Paid Partnership on Social Media via Aspect-Attentive Sponsored Post Learning,” in *Proceedings of The 14th ACM International Conference on Web Search and Data Mining* (WSDM 2021).
- [40] **Jyun-Yu Jiang**, Chenyan Xiong, Chia-Jung Lee and Wei Wang. “Long Document Ranking with Query-Directed Sparse Transformer,” in *Proceedings of 2020 Conference on Empirical Methods in Natural Language Processing* (EMNLP 2020).
- [39] **Jyun-Yu Jiang**, Zeyu Li, Chelsea J.-T. Ju and Wei Wang. “MARU: Representation Learning for Heterogeneous Networks with Meta-context Aware Random Walks,” in *Proceedings of The 29th ACM International Conference on Information and Knowledge Management* (CIKM 2020).
- [38] Ruirui Li, **Jyun-Yu Jiang**, Xian Wu, Chu-Cheng Hsieh and Andreas Stolcke. “Speaker Identification for Household Scenarios with Self-attention and Adversarial Training,” in *Proceedings of The 21st Interspeech Conference* (INTERSPEECH 2020).
- [37] **Jyun-Yu Jiang**\*, Patrick H. Chen\*, Cho-Jui Hsieh and Wei Wang. “Clustering and Constructing User Coresets to Accelerate Large-scale Top-K Recommender Systems,” in *Proceedings of the 2020 World Wide Web Conference* (WWW 2020). (\*Equal contribution)

- [36] **Jyun-Yu Jiang**, Tao Wu, Georgios Roumpos, Heng-Tze Cheng, Xinyang Yi, Ed Chi, Harish Ganapathy, Nitin Jindal, Pei Cao and Wei Wang. “End-to-End Deep Attentive Personalized Item Retrieval for Online Content-sharing Platforms,” in *Proceedings of the 2020 World Wide Web Conference (WWW 2020)*.
- [35] Seungbae Kim, **Jyun-Yu Jiang**, Masaki Nakada, Jinyoung Han and Wei Wang. “Multimodal Post Attentive Profiling for Influencer Marketing,” in *Proceedings of the 2020 World Wide Web Conference (WWW 2020)*.
- [34] Cheng Zheng\*, **Jyun-Yu Jiang**\*, Yichao Zhou, Sean Young and Wei Wang. “Social Media User Geolocation via Hybrid Attention,” in *Proceedings of the 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2020)*. (\*Equal contribution)
- [33] Yichao Zhou, **Jyun-Yu Jiang**, Jieyu Zhao, Kai-Wei Chang and Wei Wang. ““The Boating Store Had Its Best Sail Ever”: Pronunciation-attentive Contextualized Pun Recognition,” in *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL 2020)*.
- [32] Ruirui Li, **Jyun-Yu Jiang**, Jiahao Liu, Chu-Cheng Hsieh and Wei Wang. “Automatic Speaker Recognition with Limited Data,” in *Proceedings of The 13th ACM International Conference on Web Search and Data Mining (WSDM 2020)*.
- [31] Ruirui Li, **Jyun-Yu Jiang**, Xian Wu, Hongda Mao, Chu-Cheng Hsieh and Wei Wang. “Bridging Mixture Density Networks with Meta-learning for Automatic Speaker Identification,” in *Proceedings of The 45th International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2020)*.
- [30] **Jyun-Yu Jiang**\*, Zehan Chao\*, Andrea L. Bertozzi, Wei Wang, Sean Young and Deanna Needell. “Learning to Predict Human Stress Level with Incomplete Sensor Data from Wearable Devices,” in *Proceedings of The 28th ACM International Conference on Information and Knowledge Management (CIKM 2019)*. (\*Equal contribution).
- [29] Yichao Zhou\*, **Jyun-Yu Jiang**\*, Kai-Wei Chang and Wei Wang. “Learning to Discriminate Perturbations for Blocking Adversarial Attacks in Text Classification,” in *Proceedings of 2019 Conference on Empirical Methods in Natural Language Processing and 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP 2019)*. (\*Equal contribution).
- [28] **Jyun-Yu Jiang**, Xue Sun, Wei Wang and Sean Young. “Enhancing Air Quality Prediction with Social Media and Natural Language Processing,” in *Proceedings of The 57th Annual Meeting of the Association for Computational Linguistics (ACL 2019)*.
- [27] **Jyun-Yu Jiang**, Mingyang Zhang, Cheng Li, Michael Bendersky, Nadav Golbandi and Marc Najork. “Semantic Text Matching for Long-Form Documents,” in *Proceedings of the 2019 World Wide Web Conference (WWW 2019)*.
- [26] Zeyu Li, **Jyun-Yu Jiang**, Yizhou Sun and Wei Wang. “Personalized Question Routing via Heterogeneous Network Embedding,” in *Proceedings of The 33rd AAAI Conference on Artificial Intelligence (AAAI 2019)*.
- [25] Ruirui Li, **Jyun-Yu Jiang**, Chelsea J.-T. Ju and Wei Wang. “CORALS: Who are My Potential New Customers? Tapping into the Wisdom of Customers’ Decisions,” in *Proceedings of The 12th ACM International Conference on Web Search and Data Mining (WSDM 2019)*.
- [24] **Jyun-Yu Jiang** and Wei Wang. “RIN: Reformulation Inference Network for Context-Aware Query Suggestion,” in *Proceedings of The 27th ACM International Conference on Information and Knowledge Management (CIKM 2018)*.
- [23] **Jyun-Yu Jiang**, Cheng-Te Li, Yian Chen and Wei Wang. “Identifying Users behind Shared Accounts in Online Streaming Services,” in *Proceedings of The 41st International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2018)*.
- [22] **Jyun-Yu Jiang**, Francine Chen, Yan-Ying Chen and Wei Wang. “Learning to Disentangle Interleaved Conversational Threads with a Siamese Hierarchical Network and Similarity Ranking,” in *Proceedings of The 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2018)*.
- [21] Guangyu Zhou, **Jyun-Yu Jiang**, Chelsea J.-T. Ju and Wei Wang. “Inferring Microbial Communities for City Scale Metagenomics Using Neural Networks,” in *Proceedings of 2018 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2018)*.
- [20] **Jyun-Yu Jiang**, Pu-Jen Cheng and Wei Wang. “Open Source Repository Recommendation in Social

- Coding,” in *Proceedings of The 40th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR 2017).
- [19] Chelsea J.-T. Ju, Ruirui Li, Zhengliang Wu, **Jyun-Yu Jiang**, Zhao Yang and Wei Wang. “Fleximer: Accurate Quantification of RNA-Seq via Variable-Length  $k$ -mers,” in *Proceedings of The 8th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics* (ACMBCB 2017).
- [18] **Jyun-Yu Jiang** and Cheng-Te Li. “Forecasting Geo-sensor Data with Participatory Sensing Based on Dropout Neural Network,” in *Proceedings of The 25th ACM International Conference on Information and Knowledge Management* (CIKM 2016).
- [17] **Jyun-Yu Jiang** and Pu-Jen Cheng. “Classifying User Search Intents for Query Auto-Completion,” in *Proceedings of The 2nd ACM SIGIR International Conference on the Theory of Information Retrieval* (ICTIR 2016).
- [16] **Jyun-Yu Jiang** and Cheng-Te Li. “Analyzing Social Event Participants for a Single Organizer,” in *Proceedings of AAAI International Conference on Web and Social Media* (ICWSM 2016).
- [15] **Jyun-Yu Jiang**, Jing Liu, Chin-Yew Lin and Pu-Jen Cheng. “Improving Ranking Consistency for Web Search by Leveraging a Knowledge Base and Search Logs,” in *Proceedings of The 24th ACM International Conference on Information and Knowledge Management* (CIKM 2015).
- [14] **Jyun-Yu Jiang**, Chin-Yew Lin and Pu-Jen Cheng. “Entity-driven Type Hierarchy Construction for Freebase,” in *Proceedings of 24th International World Wide Web Conference* (WWW 2015).
- [13] **Jyun-Yu Jiang**, Yen-Yu Ke, Pao-Yu Chien and Pu-Jen Cheng. “Learning User Reformulation Behavior for Query Auto-Completion,” in *Proceedings of the 37th International ACM SIGIR Conference on Research and Development in Information Retrieval* (SIGIR 2014).
- [12] **Jyun-Yu Jiang**, Chun-Liang Li, Chun-Pai Yang and Chung-Tsai Su. “Scanning-free Personalized Malware Warning System by Learning Implicit Feedback from Detection Logs,” in *Proceedings of the 21st ACM Conference on Computer and Communications Security* (CCS 2014).
- [11] **Jyun-Yu Jiang**, Yi-Shiang Tzeng, Pei-Ying Huang and Pu-Jen Cheng. “Analyzing the Spatiotemporal Effects on Detection of Rain Event Duration,” in *Proceedings of the 8th Asia Information Retrieval Societies Conference* (AIRS 2012).
- [10] Yi-Shiang Tzeng, **Jyun-Yu Jiang** and Pu-Jen Cheng. “Event Duration Detection on Microblogging,” in *Proceedings of the 2012 IEEE/WIC/ACM International Joint Conferences on Web Intelligence and Intelligent Agent Technology* (WI 2012).

### Refereed Journal Publications

- [9] Guangyu Zhou\*, Muhao Chen\*, Chelsea J.-T. Ju\*, Zheng Wang, **Jyun-Yu Jiang** and Wei Wang. “Mutation effect estimation on protein-protein interactions using deep contextualized representation learning,” in *NAR Genomics and Bioinformatics* (NARGAB), 2020. (\*Equal contribution)
- [8] Guangyu Zhou, **Jyun-Yu Jiang**, Chelsea J.-T. Ju and Wei Wang. “Prediction of microbial communities for urban metagenomics using neural network approach,” in *Human Genomics*, 2019. A shorter version [21] appeared in *BIBM* 2018.
- [7] **Jyun-Yu Jiang** and Cheng-Te Li. “Who Should I Invite: Predicting Event Participants for a Host User,” in *Knowledge and Information Systems* (KAIS), 2018.
- [6] Jian-De Jiang, **Jyun-Yu Jiang** and Pu-Jen Cheng. “Co-cluster Hypothesis and Ranking Consistency for Relevance Ranking in Web Search,” in *Journal of the Association for Information Science and Technology* (JASIST), 2018.

### Workshop Publications and Preprints

- [5] **Jyun-Yu Jiang**, Chelsea J.-T. Ju, Junheng Hao, Muhao Chen and Wei Wang. “JEDI: Circular RNA Prediction based on Junction Encoders and Deep Interaction among Splice Sites.” Technical Report, 2020.
- [4] Ruirui Li, **Jyun-Yu Jiang**, Chelsea J.-T. Ju, Cheryl Flynn, Wen-Ling Hsu, Jia Wang, Wei Wang and Tan Xu. “Enhancing Response Generation Using Chat Flow Identification”, presented in *Conversational AI and Its Applications Workshop at KDD 2018* (KDD CAI 2018).
- [3] Chelsea Jui-Ting Ju\*, **Jyun-Yu Jiang**\*, Ruirui Li, Zeyu Li and Wei Wang. “TahcoRoll: An Efficient Approach for Signature Profiling in Genomic Data through Variable-Length  $k$ -mers.” Technical Report, 2017. (\*Equal contribution)

- [2] K.-W. Wu, C.-S. Ferng, C.-H. Ho, A.-C. Liang, C.-H. Huang, W.-Y. Shen, **J.-Y. Jiang**, M.-H. Yang, T.-W. Lin, C.-P. Lee, P.-H. Kung, C.-E. Wang, T.-W. Ku, C.-Y. Ho, Y.-S. Tai, I.-K. Chen, W.-L. Huang, C.-P. Chou, T.-J. Lin, H.-J. Yang, Y.-K. Wang, C.-T. Li, S.-D. Lin and H.-T. Lin.. “**A Two-Stage Ensemble of Diverse Models for Advertisement Ranking in KDD Cup 2012**”, presented in *KDDCup 2012 Workshop* (KDDCUP 2012). (**First Prize**).

## Patents

- [1] **Jyun-Yu Jiang**, Francine Chen, Yin-Ying Chen and Scott Carter. “System and method for detangling of interleaved conversations in communication platforms.” US Patent App. 15/857,404, 2019.

## Working Experience

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- Research Intern**, *Microsoft Research, United States* *June 2020 - September 2020*  
 – Mentors: Dr. Chia-Jung Lee, Dr. Longqi Yang, Dr. Brent Hecht, and Dr. Jaime Teevan.  
 – Topic: goal-directed web browsing (with a submitted paper under review)
- Research Intern**, *Google Brain, United States* *June 2019 - September 2019*  
 – Mentors: Dr. Tao Wu and Dr. Georgios Roumpos  
 – Topic: personalized item retrieval for YouTube search [36]
- Research Intern**, *Google Research, United States* *June 2018 - September 2018*  
 – Mentors: Dr. Mingyang Zhang, Dr. Cheng Li, and Dr. Michael Bendersky  
 – Topic: content matching for long documents with deep learning [27]
- Research Intern**, *FX Palo Alto Laboratory (FXPAL), United States* *June 2017 - September 2017*  
 – Mentors: Dr. Francine Chen and Dr. Yan-Ying Chen  
 – Topic: conversation disentanglement with deep learning [1, 22]
- Research Assistant**, *Academia Sinica, Taiwan* *September 2015 - August 2016*  
 – Mentor: Dr. Cheng-Te Li  
 – Topics: urban computing [18], recommender systems [7, 16]
- Research Intern**, *Microsoft Research* *July 2013 - January 2014*  
 – Mentor: Dr. Chin-Yew Lin  
 – Topics: relevance ranking in Web search [15], knowledge base mining [14]
- Research Assistant**, *IRLab, CSIE, NTU, Taiwan* *July 2011 - August 2016*  
 – Advisor: Prof. Pu-Jen Cheng  
 – Topics: user behavior modeling in IR [6, 13, 17], event detection [10, 11], recommender systems [20]
- Adjunct Research Assistant**, *Lab for Language Technology, NTU, Taiwan* *July 2010 - June 2013*  
 – Advisor: Prof. Zhao-Ming Gao  
 – Topics: Chinese-English bilingual sentence alignment, semantic change detection
- Data Scientist**, *MixerBox, Taiwan* *March 2015 - August 2016*  
 – Developed recommender systems for a universal music player to improve 10% of day-1 retention  
 – Designed detectors to automatically discover more than 90% illegal users in an anonymous chat app
- R&D Engineer Intern**, *Trend Micro Inc., Taiwan* *July 2012 - August 2012*  
 – Developed the back-end engine of an experimental project with *Python Django* and system programming.

## Selected Awards and Honors

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<b>UCLA Dissertation Fellowship</b>	2020 - 2021
<b>AWS Nominated Paper Award, SocalML 2019</b>	2019
<b>Winner, Yelp Dataset Challenge</b>	2017
<b>TAAI Master Thesis Award</b> - Only 3 places for master theses related to artificial intelligence in Taiwan	2015
<b>ACLCLP Master Thesis Award</b> - Only 3 places for master theses related to natural language processing in Taiwan	2015
<b>Distinguished and Excellent Teaching Assistant Award</b>	2015
<b>Garmin Scholarship</b> - Only 17 places for graduate students in Taiwan	2014
<b>College Student Research Creativity Award</b> - Awarded by NSC, out of more than 2,000 college students supported to participate in research projects	2013
<b>First Prize, KDD Cup 2012 with NTU Team</b>	2012
<b>NTU Outstanding Scholarship Award</b> - Only 3 places for NTU students	2012
<b>Finalist, National Health-Data Value Added Models Contest</b>	2012
<b>Programming Contests</b>	
<b>6th place, 2011 ACM-ICPC Asia Hsinchu Regional Contest</b>	2011
<b>3rd place, 2010 ACM-ICPC Asia Kaohsiung Regional Contest</b>	2010
<b>5th place, 2009 ACM-ICPC Asia Jakarta Regional Contest</b>	2009
<b>9th place, 2009 ACM-ICPC Asia Hsinchu Regional Contest</b>	2009

## Teaching Experience

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<b>Teaching Assistant</b> , University of California, Los Angeles - <i>Introduction to Algorithms</i> instructed by Prof. Cho-Jui Hsieh	Spring 2020
<b>Teaching Assistant &amp; Lecturer</b> , University of California, Los Angeles - <i>Introduction to Data Mining</i> instructed by Prof. Wei Wang	Winter 2018, Spring 2019, Fall 2019
<b>Teaching Assistant</b> , University of California, Los Angeles - <i>Introduction to Data Mining</i> instructed by Prof. Yizhou Sun	Fall 2017
<b>Teaching Assistant</b> , National Taiwan University - <i>Algorithm Design and Analysis</i> instructed by Prof. Hsin-Mu Tsai	Fall 2014
<b>Lecturer</b> , National Taiwan University - <i>Application of Big Data System</i> co-instructed by Prof. Shih-Wei Liao	Spring 2014
<b>Teaching Assistant</b> , National Taiwan University - <i>Data Structure and Algorithm</i> instructed by Prof. Hsin-Mu Tsai	Spring 2013
<b>Coach and Teaching Assistant</b> , National Taiwan University - <i>Course for ACM-ICPC Programming Contest</i> instructed by Prof. Pu-Jen Cheng - Trained and led NTU teams to participate international ACM-ICPC programming contests	Fall 2011, Fall 2012
<b>Teaching Assistant</b> , National Taiwan University - <i>Introduction to Computer Programming</i> instructed by Prof. Pangfeng Liu	Fall 2009
<b>Instructor</b> , National Taiwan University - <i>Computer Science Summer Camp</i> for high school students - Taught courses of Python and algorithms for high school students	July 2011, July 2012

- Attracted numerous high school students to study computer science

**Instructor**, Jianguo High School

*July 2008 - July 2009*

- Organized the courses for international Olympiad in informatics (IOI)
- Lectured on topics of data structures, graph theory, dynamic programming and greedy algorithms
- Finally several students became the representatives of Taiwan for competing IOI

## Professional Activities

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### PC Member

- 2021: ICML, KDD, ACL/IJCNLP, NAACL, ICLR
- 2020: ICML, AAAI, ACL, EMNLP, ICLR
- 2019: AAAI, EMNLP/IJCNLP, ACL, NAACL, AIRS, WISE
- 2018: ACL

### Journal Paper Reviewer

- Journal of the Association for Information Science and Technology (JASIST)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE/ACM Transactions on Computational Biology and Bioinformatics (TCBB)
- Information Sciences (Inf. Sci.)
- Information Processing and Management (IPM)
- Journal of Information Science and Engineering (JISE)
- Physica A

### External Reviewer

- WWW'21, WSDM'20, CIKM'19, KDD'18, ISMB'18, KDD'17, ICDM'17.