

EDUCATION	State University of New York at Stony Brook, New York, U.S. 2014 - 2019 Ph.D, Computer Science. Advisor: Prof. Steven Skiena
	Fudan University, Shanghai, China. 2010 - 2014 B.Sc., Computer Science and Technology
EXPERIENCE	Google Brain, Tokyo, Japan. <i>Research Software Engineer</i> Summer 2019 - Now Research on generative models and more
	Google Brain, California, U.S. <i>Software Engineering Intern</i> Summer 2018 Research on the latent space of generative models with Dr. Jesse Engel
	Facebook, California, U.S. <i>Software Engineering Intern</i> Summer 2017 Research on natural language understanding with Dr. Haixun Wang
	Google Brain, California, U.S. <i>Software Engineering Intern</i> Summer - Fall 2016 Research on representation learning with Dr. Stephan Gouws
	Google, New York, United States <i>Software Engineering Intern</i> Summer 2015 User-generated activity profiling and analysis with Dr. Xiaomeng Ban
	Microsoft Research Asia, Beijing, China. <i>Research Intern</i> 2013 Learning representation from large knowledge base with Dr. Haixun Wang Concept level semantic analysis with Dr. Zhongyuan Wang
	Fudan University, Shanghai, China. <i>Research Assistant</i> Fall 2012 Large scale information extract from crawled web pages. Advised by Prof. Yanghua Xiao
PUBLICATIONS / WORKING PAPERS	<b>KaoKore: A Pre-modern Japanese Art Facial Expression Dataset</b> <i>Yingtao Tian</i> , Chikahiko Suzuki, Tarin Clanuwat, Mikel Bober-Irizar, Alex Lamb, Asanobu Kitamoto <i>To Appear in the Proceedings of the Eleventh International Conference on Computational Creativity, ICCV'20</i>
	<b>A Transfer-Learnable Natural Language Interface for Databases</b> Wenlu Wang, <i>Yingtao Tian</i> , Haixun Wang, Wei-Shinn Ku <i>In the Proceedings of the IEEE International Conference on Data Engineering (ICDE) 2020</i>
	<b>Learning to Represent Bilingual Dictionaries</b> Muhao Chen*, <i>Yingtao Tian*</i> , Haochen Chen, Kai-Wei Chang, Steven Skiena, Carlo Zaniolo (* Equal Contribution) <i>In the Proceedings of the IEEE International Conference on Data Engineering (ICDE) 2020</i>
	<b>Enhanced Network Embeddings via Exploiting Edge Attributes</b> Haochen Chen, Xiaofei Sun, <i>Yingtao Tian</i> , Muhao Chen, Bryan Perozzi and Steven Skiena <i>In Proceedings of the International Conference on Information and Knowledge Management (CIKM) 2018</i>
	<b>Social Relation Inference via Label Propagation</b> <i>Yingtao Tian</i> , Haochen Chen, Bryan Perozzi, Muhao Chen, Xiaofei Sun and Steven Skiena <i>In the proceeding of the 41st European Conference on Information Retrieval (ECIR 2019)</i>

**DeepAnnotator: Genome Annotation with Deep Learning**, Mohammad Ruhul Amin, Alisa Yurovsky, *Yingtao Tian*, Steven Skiena  
*In Proceedings of the 9th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM BCB-2018)*

**Simple Neologism Based Domain Independent Models to Predict Year of Authorship**  
Vivek Kulkarni, *Yingtao Tian*, Parth Dandiwala, Steven Skiena  
*In Proceedings of the 27th International Conference on Computational Linguistics (COLING 2018)*

**Co-training Embeddings of Knowledge Graphs and Entity Descriptions for Cross-lingual Entity Alignment** Muhao Chen, *Yingtao Tian*, Kai-Wei Chang, Steven Skiena, Carlo Zaniolo  
*In Proceedings of the 27th International Joint Conference on Artificial Intelligence (IJCAI), IJCAI/AAAI Press 2018.*

**Syntax-Directed Variational Autoencoder for Structured Data** Hanjun Dai\*, *Yingtao Tian\**, Bo Dai, Steven Skiena, Le Song (\* Equal Contribution)  
*In Proceedings of the International Conference on Learning Representations (ICLR), 2018.*  
*Best Paper Award, NIPS 2017 workshop for Machine Learning for Molecules and Materials.*

**Embedding-based Relation Prediction for Ontology Population** Muhao Chen, *Yingtao Tian*, Xuelu Chen, Zijun Xue, Carlo Zaniolo  
*In Proceedings of the 17th SIAM International Conference on Data Mining (SDM), SIAM 2018.*

**Towards End-End Generation of High-Resolution Images with Generative Adversarial Networks** [Online Demo] Yanghua Jin, Jiakai Zhang, Minjun Li, *Yingtao Tian*, Huachun Zhu  
*Accepted and presented in spotlight, NIPS 2017 workshop for Machine Learning for Creativity and Design.*

**Multilingual Knowledge Graph Embeddings for Cross-lingual Knowledge Alignment**  
Muhao Chen, *Yingtao Tian*, Mohan Yang, Carlo Zaniolo.  
*In Proceedings of the 26th International Joint Conference on Artificial Intelligence (IJCAI), IJCAI/AAAI Press 2017.*

PROFESSIONAL  
SERVICES

Reviewer, *LREC 2018, COLING 2016*

HONORS AND  
AWARDS

**27th place**, 35th Annual World Final of the ACM-ICPC, 2011

**Gold Medal**, ACM-ICPC Asia Chengdu Regional Contest, 2011

**Championship and Gold medal**, ACM-ICPC Asia Amritapri Regional Contest, 2010

SERVICES

Assistant coach, ACM-ICPC team of Fudan University

2010 - 2013

Main technical staff, ACM-ICPC Shanghai Site Contest

Oct. 2011