

EDUCATION	State University of New York at Stony Brook , New York, United States	2014 - 2019
	Ph.D, Computer Science. Advisor: Prof. Steven Skiena	
	Fudan University , Shanghai, China	2010 - 2014
	B.Sc., Computer Science and Technology. Advisor: Prof. Yanghua Xiao	
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. Hosted by Dr. Jesse Engel	
	Facebook , California, U.S. <i>Software Engineering Intern</i>	Summer 2017
	Research on natural language as an interface to database. Hosted by Dr. Haixun Wang	
	Google Brain , California, U.S. <i>Software Engineering Intern</i>	Summer and Fall 2016
	Research on representation learning for words and sentences. Hosted by Dr. Stephan Gouws	
	Google , New York, U.S. <i>Software Engineering Intern</i>	Summer 2015
	User-generated activity profiling and analysis. Hosted by Dr. Xiaomeng Ban	
	Microsoft Research Asia , Beijing, China. <i>Research Intern</i>	2013
	Learning representation from large knowledge base. Hosted by: Dr. Haixun Wang	
	Concept level semantic analysis. Hosted by Dr. Zhongyuan Wang	
	Fudan University , Shanghai, China <i>Research Assistant</i>	2012 - 2014
	Large scale information extract from crawled web pages.	
PUBLICATIONS / WORKING PAPERS	KaoKore: A Pre-modern Japanese Art Facial Expression Dataset Yingtao Tian, 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>	
	A Transfer-Learnable Natural Language Interface for Databases Wenlu Wang, Yingtao Tian, Haixun Wang, Wei-Shinn Ku	
	<i>In the Proceedings of the IEEE International Conference on Data Engineering (ICDE) 2020</i>	
	Learning to Represent Bilingual Dictionaries Muhao Chen*, Yingtao Tian*, 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>	
	Enhanced Network Embeddings via Exploiting Edge Attributes Haochen Chen, Xiaofei Sun, Yingtao Tian, Muhao Chen, Bryan Perozzi and Steven Skiena	
	<i>In Proceedings of the International Conference on Information and Knowledge Management (CIKM) 2018</i>	
	Social Relation Inference via Label Propagation Yingtao Tian, 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 Dandiwal, 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