

EDUCATION	<b>State University of New York at Stony Brook</b> , New York, U.S. Ph.D, Computer Science. Advisor: Prof. Steven Skiena	2014 - 2019
	<b>Fudan University</b> , Shanghai, China. B.Sc., Computer Science and Technology	2010 - 2014
EXPERIENCE	<b>Google Brain</b> , Tokyo, Japan. <i>Research Software Engineer</i> Research on generative models and more	Summer 2019 - Now
	<b>Google Brain</b> , California, U.S. <i>Software Engineering Intern</i> Research on the latent space of generative models with Dr. Jesse Engel	Summer 2018
	<b>Facebook</b> , California, U.S. <i>Software Engineering Intern</i> Research on natural language understanding with Dr. Haixun Wang	Summer 2017
	<b>Google Brain</b> , California, U.S. <i>Software Engineering Intern</i> Research on representation learning with Dr. Stephan Gouws	Summer - Fall 2016
	<b>Google</b> , New York, United States <i>Software Engineering Intern</i> User-generated activity profiling and analysis with Dr. Xiaomeng Ban	Summer 2015
	<b>Microsoft Research Asia</b> , Beijing, China. <i>Research Intern</i> Learning representation from large knowledge base with Dr. Haixun Wang Concept level semantic analysis with Dr. Zhongyuan Wang	2013
	<b>Fudan University</b> , Shanghai, China. <i>Research Assistant</i> Large scale information extract from crawled web pages. Advised by Prof. Yanghua Xiao	Fall 2012
PUBLICATIONS / WORKING PAPERS	<b>Simultaneous Multiple-Prompt Guided Generation Using Differentiable Optimal Transport</b> Yingtao Tian, David Ha, Marco Cuturi <i>In the Proceedings of the twelfth International Conference on Computational Creativity, ICCCC'22</i>	
	<b>EvoJAX: Hardware-Accelerated Neuroevolution</b> Yujin Tang, Yingtao Tian, David Ha <i>In the Proceedings of the Genetic and Evolutionary Computation Conference (GECCO) 2022</i>	
	<b>Optimal Transport Tools (OTT): A JAX Toolbox for all things Wasserstein</b> Marco Cuturi, Laetitia Meng-Papaxanthos, Yingtao Tian, Charlotte Bunne, Geoff Davis, Olivier Teboul <i>Working Paper</i>	
	<b>Modern Evolution Strategies for Creativity: Fitting Concrete Images and Abstract Concepts</b> Yingtao Tian, David Ha <i>In the Proceedings of the The 11th International Conference on Artificial Intelligence in Music, Sound, Art and Design (EvoMUSART) 2022.</i> <i>Machine Learning for Creativity and Design Workshop, NeurIPS 2021</i>	
	<b>Ukiyo-e Analysis and Creativity with Attribute and Geometry Annotation</b> Yingtao Tian, Tarin Clanuwat, Chikahiko Suzuki, Asanobu Kitamoto <i>In the Proceedings of the Eleventh International Conference on Computational Creativity, ICCCC'21</i>	
	<b>KaoKore: A Pre-modern Japanese Art Facial Expression Dataset</b> Yingtao Tian, Chikahiko Suzuki, Tarin Clanuwat, Mikel Bober-Irizar, Alex Lamb, Asanobu Kitamoto <i>In the Proceedings of the Eleventh International Conference on Computational Creativity, ICCCC'20</i>	

**A Transfer-Learnable Natural Language Interface for Databases** Wenlu Wang, *Yingtao Tian*, Haixun Wang, Wei-Shinn Ku

*In the Proceedings of the IEEE International Conference on Data Engineering (ICDE) 2020*

**Learning to Represent Bilingual Dictionaries** Muhao Chen\*, *Yingtao Tian\**, Haochen Chen, Kai-Wei Chang, Steven Skiena, Carlo Zaniolo (\* Equal Contribution)

*In the Proceedings of the IEEE International Conference on Data Engineering (ICDE) 2020*

**Enhanced Network Embeddings via Exploiting Edge Attributes** Haochen Chen, Xiaofei Sun, *Yingtao Tian*, Muhao Chen, Bryan Perozzi and Steven Skiena

*In Proceedings of the International Conference on Information and Knowledge Management (CIKM) 2018*

**Social Relation Inference via Label Propagation** *Yingtao Tian*, Haochen Chen, Bryan Perozzi, Muhao Chen, Xiaofei Sun and Steven Skiena

*In the proceeding of the 41st European Conference on Information Retrieval (ECIR 2019)*

**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  
PATENTS

Reviewer, *ICLR*, *NeurIPS*, *AAAI*, *IJCAI*, *LREC*, *COLING*

**JP2020191142A** Method for generating image, image generator, and program

**US10810493B1** Training and/or utilizing recurrent neural network model to determine subsequent source(s) for electronic resource interaction

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