

Zhenghang Cui 崔 正行
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Education	<i>Ph.D. of Science</i> Sato Laboratory (Machine learning) (Labtory website: https://www.ml.is.s.u-tokyo.ac.jp) Department of Computer Science Graduate School of Information Science and Technology The University of Tokyo	Apr. 2019 ~ Mar. 2022 Tokyo, Japan
	<i>Master of Science</i> Sugiyama-Sato-Honda Laboratory (Machine learning) (Labtory website: http://www.ms.k.u-tokyo.ac.jp) Department of Computer Science Graduate School of Information Science and Technology The University of Tokyo	Apr. 2017 ~ Mar. 2019 Tokyo, Japan GPA: 3.9/4.0
	<i>Bachelor of Science</i> Sugiyama-Sato-Honda Laboratory (Machine learning) Department of Information Science, Faculty of Science The University of Tokyo	Apr. 2013 ~ Mar. 2017 Tokyo, Japan GPA: 3.5/4.0
Research Topics	Machine Learning, Weakly-supervised Learning, Active Learning	
Publications	<i>Classification with Rejection Based on Cost-sensitive Classification</i> 38th International Conference on Machine Learning, Jul. 2021 Nontawat Charoenphakdee, Zhenghang Cui, Yivan Zhang, Masashi Sugiyama	
	<i>Classification From Triplet Comparison Data</i> Neural Computation, vol.32, pp.659-681, 2020 Zhenghang Cui, Nontawat Charoenphakdee, Issei Sato, Masashi Sugiyama	
	<i>Bayesian Posterior Approximation via Greedy Particle Optimization</i> 31rd AAAI Conference on Artificial Intelligence, USA, Jan. 2019 Futoshi Futami, Zhenghang Cui, Issei Sato, Masashi Sugiyama	
	<i>Stochastic Divergence Minimization for Biterm Topic Models</i> IEICE Transactions on Information and Systems, vol.E101-D, no.3, pp.668-677, 2018 Zhenghang Cui, Issei Sato, Masashi Sugiyama	
Preprints	<i>ATRO: Adversarial Training with a Rejection Option</i> Masahiro Kato, Zhenghang Cui, Yoshihiro Fukuhara	
	<i>Active Classification with Uncertainty Comparison Queries</i> Zhenghang Cui, Issei Sato	
Presentations	<i>Active Learning Using Discrepancy</i> ICML 2020 Workshop on Real World Experiment Design and Active Learning, Virtual, Jul. 2020	

Classification From Triplet Comparison Data

22th Information-Based Induction Sciences Workshop, Japan, Nov. 2019

Stochastic Divergence Minimization for Biterm Topic Models

First International Research Center for Neurointelligence Retreat, Japan, Mar. 2018

Stochastic Divergence Minimization for Biterm Topic Models

20th Information-Based Induction Sciences Workshop, Japan, Nov. 2017

Stochastic Divergence Minimization for Biterm Topic Models

First International Workshop on Symbolic-Neural Learning, Japan, Jul. 2017

Stochastic Divergence Minimization for Biterm Topic Models

29th Information-Based Induction Sciences and Machine Learning Meeting, Japan, Jun. 2017

**Working
Experience**

Research Fellow (DC2)

Japan Society for the Promotion of Science (JSPS)

Apr. 2021 ~ Mar. 2022

AI Specialist and Research Intern

Nablas, Inc.

Working as a teaching assistant at lectures on AI and deep learning for companies.

Sep. 2019 ~ Mar. 2021

Tokyo, Japan

Research Intern and Research Part-timer

Preferred Networks, Inc.

Researching on generative models and discrepancies.

Aug. 2017 ~ Nov. 2017

Tokyo, Japan

Teaching Assistant

Department of Information Science, Faculty of Science, University of Tokyo Japan
Assisting lectures and experiments on PowerPC assembly language.

Oct. 2017 ~ Mar. 2018

Research Part-timer

RIKEN Center for Advanced Intelligence Project

Researching on Bayesian methods and weakly-supervised learning.

Jun. 2017 ~ Present

Tokyo, Japan

Engineer Part-timer

Kyushin Cram School

Writing codes on Excel Macros and Google Docs API.

Jun. 2017 ~ Sep. 2019

Tokyo, Japan

Cram School Teacher

Seedom Cram School

Teaching on (under)graduate school entrance examinations.

Apr. 2015 ~ Sep. 2016

Tokyo, Japan

System Tutor

University of Tokyo

Answering consults about ECCS (Educational Campus-wide Computing System).
Attending the managing team at the last year and also managing servers.

Apr. 2014 ~ Sep. 2019

Tokyo, Japan

Full Stack Engineer & Data Analytics

3idea, Inc.

Working on both server and front end programs, reviewing codes submitted by other employees, and composing reports on data analysis results.

Mar. 2014 ~ Dec. 2016

Tokyo, Japan

Awards & Grants	<i>Doctoral Student Research Support System</i>	Sep. 2019 ~ Feb. 2020
	A financial support aiming to encourage outstanding doctoral students.	
	<i>Doctoral Student Special Incentives Program (IST-RA)</i>	Apr. 2019 ~ Mar. 2021
	A financial support aiming to encourage outstanding doctoral students.	
	<i>AIP Challenge Program 2018</i>	Aug. 2018 ~ Mar. 2019
	A research funding of 10K USD for young researchers provided by Japan Science and Technology Agency (JST).	
	<i>AIP Challenge Program 2020</i>	Jun. 2020 ~ Mar. 2021
	Same as above.	
Activities	<i>Conference Review:</i> AAAI 2019, ACML 2020 ~ 2021, ICLR 2021, ICML 2020 ~ 2021, NeurIPS 2021	
	<i>Journal Review:</i> Machine Learning, Springer Nature Computer Science	
	<i>Organizing Committee:</i> ACML 2020	
OSS Contribution	<i>Engrafo:</i> A LaTeX to HTML converter used by https://www.arxiv-vanity.com .	
	<i>Optuna:</i> A hyperparameter optimization framework.	
	<i>Optuna Dashboard:</i> A visualization dashboard for Optuna.	
Others	<i>IBM Quantum Challenge Fall 2020</i> (Foundational Badge)	
	<i>PyCon JP 2020 Sprint</i>	
	<i>The University of Tokyo AI for Good Contest 2020</i> (Second Place)	
	<i>Cookpad Online Spring Internship 2020</i>	
Languages	Chinese: Native proficiency	
	English: Full professional proficiency; TOEFL iBT 108/120, 106/120	
	Japanese: Full professional proficiency; JLPT N1	
	Cantonese, Korean, German: Elementary proficiency	