

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 ~ Present 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 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>Classification From Ambiguity Comparisons</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	
	<i>Classification From Triplet Comparison Data</i> 22th Information-Based Induction Sciences Workshop, Japan, Nov. 2019	
	<i>Stochastic Divergence Minimization for Biterm Topic Models</i> 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

AI Specialist and Research Intern Sep. 2019 ~ Present
Nablas, Inc. Tokyo, Japan
Working as a teaching assistant at lectures on AI and deep learning for companies.

Research Intern and Research Part-timer Aug. 2017 ~ Nov. 2017
Preferred Networks, Inc. Tokyo, Japan
Researching on generative models and discrepancies.

Teaching Assistant Oct. 2017 ~ Mar. 2018
Department of Information Science, Faculty of Science, University of Tokyo Japan
Assisting lectures and experiments on PowerPC assembly language.

Research Part-timer Jun. 2017 ~ Present
RIKEN Center for Advanced Intelligence Project Tokyo, Japan
Researching on Bayesian methods and weakly-supervised learning.

Engineer Part-timer Jun. 2017 ~ Sep. 2019
Kyushin Cram School Tokyo, Japan
Writing codes on Excel Macros and Google Docs API.

Cram School Teacher Apr. 2015 ~ Sep. 2016
Seedom Cram School Tokyo, Japan
Teaching on (under)graduate school entrance examinations.

System Tutor Apr. 2014 ~ Sep. 2019
University of Tokyo Tokyo, Japan
Answering consults about ECCS (Educational Campus-wide Computing System).
Attending the managing team at the last year and also managing servers.

Full Stack Engineer & Data Analytics Mar. 2014 ~ Dec. 2016
3idea, Inc. Tokyo, Japan
Working on both server and front end programs, reviewing codes submitted by other employees, and composing reports on data analysis results.

Awards & Grants *Doctoral Student Research Support System* Sep. 2019 ~ Feb. 2020
A financial support aiming to encourage outstanding doctoral students.

Doctoral Student Special Incentives Program (IST-RA) Apr. 2019 ~ Mar. 2021
A financial support aiming to encourage outstanding doctoral students.

AIP Challenge Program 2018 Aug. 2018 ~ Mar. 2019
A research funding of 10K USD for young researchers provided by Japan Science and Technology Agency (JST).

AIP Challenge Program 2020
Same as above.

Jun. 2020 ~ Mar. 2021

Activities *Conference Review:* AAAI 2019, ICML 2020, ACML 2020
Journal Review: Machine Learning
Others: Cookpad Online Spring Internship 2020

OSS Contribution *Engrafó:* A LaTeX to HTML converter used by <https://www.arxiv-vanity.com>.

Languages Chinese: Native proficiency
English: Full professional proficiency; TOEFL iBT 108/120
Japanese: Full professional proficiency; JLPT N1
Cantonese, Korean, German: Elementary proficiency