## Zhenghang Cui 崔 正行

cui@ms.k.u-tokyo.ac.jp

Education Ph.D. of Science Apr.  $2019 \sim Present$ 

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

Master of Science Apr. 2017  $\sim$  Mar. 2019

Tokyo, Japan

Sugiyama-Sato-Honda Laboratory (Machine learning) Tokyo, Japan

(Labtory website: http://www.ms.k.u-tokyo.ac.jp)

Department of Computer Science GPA: 3.9/4.0

Graduate School of Information Science and Technology

The University of Tokyo

Bachelor of Science Apr. 2013  $\sim$  Mar. 2017

Sugiyama-Sato-Honda Laboratory (Machine learning)

Tokyo, Japan

Department of Information Science, Faculty of Science

GPA: 3.5/4.0

The University of Tokyo

Research Topics Machine Learning, Weakly Supervised Learning, Active Learning

Publications Classification From Triplet Comparison Data

Neural Computation, vol.32, pp.659-681, 2020

Zhenghang Cui, Nontawat Charoenphakdee, Issei Sato, Masashi Sugiyama

Bayesian Posterior Approximation via Greedy Particle Optimization 31rd AAAI Conference on Artificial Intelligence, USA, Jan. 2019 Futoshi Futami, Zhenghang Cui, Issei Sato, Masashi Sugiyama

Stochastic Divergence Minimization for Biterm Topic Models

IEICE Transactions on Information and Systems, vol.E101-D, no.3, pp.668-677, 2018

Zhenghang Cui, Issei Sato, Masashi Sugiyama

**Presentations** 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 AI Specialist

Sep.  $2019 \sim Present$ 

Nablas, Inc. Tokyo, Japan

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

Research Intern and Research Part-timer

Aug.  $2017 \sim \text{Nov. } 2017$ 

Preferred Networks, Inc.

Tokyo, Japan

Researching on generative models and discrepancies.

Teaching Assistant

Oct.  $2017 \sim Mar. 2018$ 

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

Research Part-timer

Jun. 2017  $\sim$  Present

RIKEN Center for Advanced Intelligence Project

Tokyo, Japan

Researching on Bayesian methods and weakly-supervised learning.

Engineer Part-timer

Jun.  $2017 \sim \text{Sep. } 2019$ 

Kyushin Cram School

Tokvo, Japan

Writing codes on Excel Macros and Google Docs API.

Cram School Teacher

Apr.  $2015 \sim \text{Sep. } 2016$ 

Seedom Cram School

Tokyo, Japan

Teaching on (under)graduate school entrance examinations.

System Tutor

Apr.  $2014 \sim \text{Sep. } 2019$ 

University of Tokyo

Tokyo, Japan

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

Full Stack Engineer & Data Analytics

Mar.  $2014 \sim \text{Dec. } 2016$ 

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.  $2019 \sim \text{Feb. } 2020$ 

A financial support aiming to encourage outstanding doctoral students.

Doctoral Student Special Incentives Program (IST-RA) Apr.  $2019 \sim \text{Mar. } 2021$ A financial support aiming to encourage outstanding doctoral students.

AIP Challenge Program

Aug.  $2018 \sim Mar. 2019$ 

A research funding of 10K USD for young researchers provided by Japan Science and

Technology Agency (JST).

Activities

Conference Review: AAAI 2019, ICML 2020, ACML 2020

Journal Review: Machine Learning

Others: Cookpad Online Sprint Internship 2020

OSS Contribution Engrafo: 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