

YOSHIKI FUJIWARA

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Website: <https://yoshi-ki.github.io/>

EDUCATION

The University of Tokyo

April 2021 - Present

M.S. in Computer Science. GPA: 4.0/4.0

Graduate School of Information Science and Technology

Advisor: Shinya Takamaeda-Yamazaki

The University of Tokyo

April 2017 - March 2021

Bachelor of Science in Computer Science. Major GPA: 4.0/4.0, Accumulative GPA: 3.9/4.0.

Department of Information Science, Faculty of Science

Advisor: Shinya Takamaeda-Yamazaki

PUBLICATION

1. **Fujiwara, Y.** & Shinya, T.
“ASBNN: Acceleration of Bayesian Convolutional Neural Networks by Algorithm-hardware Co-design”
Full paper accepted in Application-Specific Systems, Architectures and Processors (ASAP) 2021.
Presentation Link: <https://www.youtube.com/watch?v=U14vceR8G4U&t=7s>
2. **Fujiwara, Y.** & Shinya, T.
“Acceleration of Bayesian Convolutional Neural Networks by Algorithm-hardware Co-design”
Summer United Workshops on Parallel, Distributed and Cooperative Processing (SWoPP) 2021.
3. **Fujiwara, Y.** & Okada, S. & Ito, Y. & Yoshikura, M. & Kusumi, R., Mitsunaga, T.
“Realization and Improvement of DX for Municipal Activities based on Digital Business Models”
The 83rd National Convention of Information Processing Society of Japan.

RESEARCH JOBS

The University of Tokyo

April 2021 - Present

Research Assistant: Algorithm/Hardware Co-design for Bayesian Neural Networks

The University of Tokyo & Toyo University

February 2019 - Present

Research Assistant: Malicious Information Sharing Systems

JOB EXPERIENCE

Microsoft Development

August 2021 - Present

Software Engineer Full Time Employee (includes two month internship)

NTT Data

September 2019

Development Internship

Amazon Web Services Japan

August 2019

Solution Architect Internship

TEACHING JOBS

The University of Tokyo

April 2021 - August 2021

Teaching Assistant: Undergrad Level Hardware Laboratory

The University of Tokyo & Toyo University

February 2019 - Present

Teaching Assistant: Grad Level Industrial Control Systems