**Iu Yahiro**

Email yahiro@ms.k.u-tokyo.ac.jp

**EDUCATION**

The University of Tokyo Japan

Master April 2022 - September 2024

Information Science Department Computer Science

Supervised by Naoto Yokoya

The University of Tokyo Japan

Bachelor April 2018 - March 2022

Machine Learning

Supervised by Naoto Yokoya

**EMPLOYMENT**

Recosele Corporation Octorber 2024-

LY Corporation Research Internship August 2022 - December 2023

August 2022 – March 2023

I worked on deep document forgery detection and published a paper at SSII 2023.

April 2023 – December 2023

I worked on measurement of advertising effectiveness.

I have also experienced work as an engineer and a data scientist.

**RESEARCH INTERESTS**

My main research field are generative models, and image processing.

I’m also interested in dynamics of GAN training, LLMs, and audio synthesis.

**PApers**

1. Flooding Regularization for Stable Training of Generative Adversarial Networks

Iu Yahiro , Takashi Ishida, Naoto Yokoya

Arxiv

1. Image Generation and Learning Strategy for Deep Document Forgery Detection

Iu Yahiro , Rintaro Hasegawa, Yamato Okamoto, Osada Genki, Peifei Zhu, Hirokatsu Kataoka

SSII 2023