

# Sotaro Kanazawa

✉ sotaro.kanazawa176@gmail.com    🏠 sk4161.github.io

## Interests

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Computer Vision, Computer Graphics

## Education

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### The University of Tokyo

*Master of Science in Computer Science*

Supervisor: Prof. Takeo Igarashi

Tokyo, Japan

April 2024 - Present

### The University of Tokyo

*Bachelor of Science in Information Science*

Supervisor: Prof. Takeo Igarashi

Thesis: Generating Font Variations Using GAN Latent Space Trajectory

Tokyo, Japan

April 2020 - March 2024

## Work Experiences

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### Research Intern, Preferred Networks

August 2024 - Present

- TBD

### ML Engineer Intern, PKSHA Technology / PKSHA Associates

March 2023 - December 2023

- Develop a tool that automatically reads documents, powered by LLMs
- Develop a tool that automatically generates scout messages, powered by LLMs

### ML Engineer Intern, Matsuo Institute

May 2022 - October 2022

- Develop a deep learning-based technology for diagnosing dementia using MRI
- Develop a deep learning algorithm for classifying the severity of white matter lesions

## Projects

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### DubGuild

March 2024 - Present

- Develop integrated AI-assisted software for automatic anime dubbing
- Develop an anime auto-dubbing system utilizing visual information from the anime
- Accepted as a project under MITOU Advanced since July 2024 (<https://www.ipa.go.jp/jinzai/mitou/advanced/2024/gaiyou-mr-1.html>)

More: <https://dubguild.com/>

### Compiler for a Subset of Ocaml

- Develop a unique ISA based on RISC-V
- Implement a range of compiler optimization techniques

More: <https://github.com/sk4161/cpuex-compiler>

# Technical Strengths

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Programming Languages	Python, C/C++, Rust, JavaScript, TypeScript
Deep Learning Frameworks	PyTorch, TensorFlow