

CHEN YE



EDUCATION

The University of Tokyo(Master)

Oct 2022 – Sep 2025

- Laboratory of Large-Scale Bioinformatics
- Graduate School of Frontier Sciences

Waseda University(Master)

Oct 2020 – Sep 2022

- Data Engineering laboratory
- Graduate School of Information, Production and Systems

Beijing Institute of Technology(Bachelor)

Sep 2017 – Aug 2021

- Electronic Information Engineering
- School of Information and Electronics

INTERNSHIPS

Part Timer

May 2025 – Present

Riken, High Performance Artificial Intelligence Systems Research Team

1. Research on efficient ViT

AI engineer

Dec 2024 – Present

Huawei, 東京研究所, Camera Algorithm Team

1. Reproduction of deep learning based ISP(Image Signal Processing) research papers.
2. Development of efficient deep learning based ISP model for cell phone.

AI engineer

Feb 2024 – May 2024

OPPO, Inc., OPPO日本研究所, MLsys team

1. Survey on the latest model deployment/compression tools from Qualcomm/MediaTek
2. Reproduction of model compression related papers

Research Internship

Dec 2023 – Jan 2024

Riken, High Performance Artificial Intelligence Systems Research Team

1. Survey on TensorRT-LLM framework.

Algorithm Engineer

Apr 2023 – Aug 2023

Baidu, Inc., Search Engine Department

1. Training of GBDT Model for better ranking results
2. Developing search strategy by C++

PUBLICATIONS

- A Light-weight Universal Medical Segmentation Network for Laptops Based on Knowledge Distillation

CVPR 2024 Workshop: Segment Anything In Medical Images On Laptop

- LLM マルチエージェント間の相互作用の分析

言語処理学会第31回年次大会(NLP2025)

- The statistics of parametrized syncmers in a simple mutation process without spurious matches

Journal of Computational Biology

PRIZE AND SCHOLARSHIP

- CVPR 2024 Workshop: Segment Anything In Medical Images On Laptop-Global Top 5
- ATCoder: 6級
- 2019 Mathematical Contest In Modeling/Interdisciplinary Contest In Modeling (MCM/ICM) Honorable Prize
- 2020年度文部科学省外国人留学生学習奨励費(日本)

SKILLS

Language: TOEFL(90) , Japanese (JLPT N1)

Developing tool: Linux, git, GDB, CMake, docker

Programming Language: python, java, c/c++, go, sql

AI development: Pytorch, XGBoost, TensorRT-LLM, Nsight System, CUDA programming