

Koshiro Nagano

Osaka, Japan — koshiro.nagano@gmail.com — (+81) 80-8711-5176 —
linkedin.com/in/koshironagano — github.com/ko4ro

EDUCATION

Tokyo Denki University, Tokyo, Japan
B.S. Mathematical Informatics

Apr.2016 — Mar.2020

Tokyo Denki University, Tokyo, Japan
M.S. Mathematical Informatics

Apr.2020 — Mar.2022

EXPERIENCE

Ghelia Inc.
AI Technology Intern

Tokyo, Japan
Feb.2019 - Mar.2022

- Development assistant for our No-code development AI platform product “Deep Analyzer”.
- Technical assistant by using Deep Analyzer in Proof of Concept project for the client selling their lighting equipment.
- Development assistant for our Auto ML system called “Ghelia Spectre” for discovering highly tuned artificial neural networks.

Konica Minolta Inc.
AI Technology Developer

Osaka, Japan
Apr.2022 – Ongoing

- Working on the development of neural network models for analyzing human pose or attribute, detecting objects, and recognizing human actions.
- Working in creating deep learning inference tools tailored for edge devices, such as the NVIDIA Jetson AGX Orin and Arudino.

Research Papers, Competitions

Noise Reduction of SEM Images using U-net with SSIM Loss Function
Koshiro Nagano, Yoshiharu Mukouyama, Takashi Nishimura, Hiroyuki Fujioka, Kenji Watanabe, Takio Kurita, Akinori Hidaka

Proceedings of the ISCIE SSS
2020

- Presented denoising and deblurring method to enhance image quality in conventional scanning electron microscopes, showing improved results with reduced falsifications.

Pedestrian Attribute Recognition and Person Retrieval Challenge
6th Prize

WACV
2023

- Achived 6th prize at pedestrian attribute recognition challenge by oneself.

SKILLS

- **Programming:** Python, C/C++, Matlab, Javascript
- **Deep Learning:** PyTorch, Tensorflow, Caffe, OpenVINO, TensorRT
- **Communication:** English, Japanese