

Koshiro Nagano

Tokyo, 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
Keio University , Tokyo, Japan Ph.D. Hyper Vision Research Laboratory	Sep.2024 — Ongoing

EXPERIENCE

Ghelia Inc. <i>AI Technology Intern</i>	Tokyo, Japan Feb.2019 - Mar.2022
<ul style="list-style-type: none">• 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. <i>AI Technology Developer</i>	Osaka, Japan Apr.2022 – Ongoing
<ul style="list-style-type: none">• 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 <i>Koshiro Nagano, Yoshiharu Mukouyama, Takashi Nishimura, Hiroyuki Fujioka, Kenji Watanabe, Takio Kurita, Akinori Hidaka</i>	Proceedings of the ISCIE SSS 2020
<ul style="list-style-type: none">• 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 <i>6th Prize</i>	WACV 2023
<ul style="list-style-type: none">• Achived 6th prize at pedestrian attribute recognition challenge by oneself.	
Frozen Network Few-Shot Object Detection <i>Koshiro Nagano, Fumiaki Sato, Ryo Hachiuma, Kazuki Tsutsukawa, Taiki Sekii</i>	ICIP 2025
<ul style="list-style-type: none">• Accepted presentation.	

SKILLS

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