Kenji Tanaka

AI Research Engineer

Email: kenji.tanaka@email.com

Location: Tokyo, Japan

Experience: 4 years

Professional Summary

AI research engineer with 4 years experience bridging research and production. Specializes in natural language processing and Python-based ML systems.

Professional Experience

AI Research Engineer | AI Robotics Corp | 2022 - Present

- Built conversational AI system using Python, PyTorch, and transformer architectures

- Published 5 research papers on multimodal AI and human-robot interaction

- Shipped production NLP system processing 1M+ customer queries daily

Research Scientist | University AI Lab | 2021 - 2022

- Developed novel attention mechanisms for language understanding using Python and TensorFlow

- Led research project on cross-lingual transfer learning, resulting in 3 conference publications

- Collaborated with industry partners to transfer research prototypes to production systems

ML Engineer Intern | Tech Startup | 2020 - 2021

- Implemented deep learning models for computer vision applications using Python

- Built data preprocessing pipeline for training large language models

Technical Skills

- **AI/ML:** 4 years Python, 3 years PyTorch, 2 years TensorFlow, 4 years Natural Language Processing

- **Research:** 3 years Machine Learning, 2 years Deep Learning, 4 years Research

- **Languages:** Native Japanese, Fluent English, Basic Mandarin

Education

Ph.D. Computer Science | University of Tokyo | 2024 (Expected)

M.S. Artificial Intelligence | University of Tokyo | 2020

B.S. Computer Science | Kyoto University | 2018