REO HARADA

CTO at G.P. Eyece • Graduate Student • AI Engineer

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PROFESSIONAL SUMMARY

AI Engineer and CTO with expertise in computer vision, natural language processing, and full-stack development. Currently pursuing graduate studies at The University of Tokyo while leading technical teams and developing cutting-edge AI applications. Proven track record of delivering production-ready ML models and scalable web applications across multiple industries including construction, dating services, and document processing.

PROFESSIONAL EXPERIENCE

KKGeneration Inc.   *Feb 2025 - Present*

PoC Engineer • AI Engineer

- Developing AI system for construction blueprint analysis using computer vision techniques
- Implemented table extraction and symbol detection from technical drawings using fine-tuned models
- Built full-stack application with Next.js and FastAPI for document processing workflow

G.P. Eyece Inc.   *Apr 2024 - Present*

Chief Technology Officer

- Leading development of AI-powered dating counseling application serving 1000+ users
- Architected conversational AI agents using LangGraph for personalized user interactions
- Built cross-platform mobile app with React Native Expo and FastAPI backend
- Managed technical team and established development workflows and CI/CD pipelines

LangCore Inc.   *Feb 2024 - Apr 2024*

Full Stack Engineer

- Developed voice-based ordering system for retail stores using OpenAI's speech APIs
- Implemented voice recognition to enable customers to place orders through natural speech
- Built Progressive Web Application with Next.js for enhanced mobile experience
- Created real-time voice processing pipeline with low latency requirements

ULURU Inc.   *Oct 2022 - Jun 2023*

AI Engineer • Backend Engineer

- Fine-tuned BERT models for document information extraction
- Integrated ChatGPT API for intelligent document processing applications
- Developed Python-based backend services for large-scale document processing

KIBE Inc.
Feb 2022 - Present

System Engineer

- Automated CAD drawing generation using Python
- Developed custom tools for engineering workflow optimization

EDUCATION

The University of Tokyo
Apr 2024 - Present

Master of Science in Computer Science

Machine Learning and Statistical Data Analysis Laboratory (Yokoya Lab)
Research Focus: View Transformation in Computer Vision

Tohoku University
Apr 2020 - Mar 2024

Bachelor of Engineering in Aerospace Engineering

Computer Architecture Laboratory (Kobayashi Lab)
Research: Video Compression Acceleration
Award: IPSJ Student Incentive Award

TECHNICAL SKILLS

AI/Machine Learning

PyTorch, Computer Vision, Natural Language Processing, Fine-tuning, LangGraph

Mobile & PWA

React Native (Expo), Progressive Web Apps, Cross-platform Development

Web Development

React, Next.js, Django, FastAPI, Flask, Nuxt.js, TypeScript, JavaScript

Cloud & Database

GCP, AWS, PostgreSQL (Supabase, Neon), CI/CD, Docker