Pranavi Kuntrapakam

Email | LinkedIn | GitHub | Portfolio

Aspiring ML Engineer | Hong Kong SAR

EDUCATION

The Hong Kong University of Science and Technology (HKUST)　　　　2023 – 2027
Bachelor of Engineering in Computer Engineering with an Extended Major in AI　　　　Hong Kong

SKILLS SUMMARY

- **Languages:** Python, TypeScript, JavaScript, C++, HTML, CSS, SQL
- **Frameworks/Libraries:** React Native, ReactJS, Node.js, FastAPI, TensorFlow, PyTorch, Scikit-Learn, Tailwind CSS
- **Tools/Infra:** Qdrant, Ollama, n8n, Git, Docker, Postman, REST APIs, WebRTC, Chrome Extension APIs

PROFESSIONAL EXPERIENCE

AI/LLM Developer Intern | Innocorn AI　　　　Oct 2025 – Present
- Developing AI-powered chatbots using LLMs and implementing n8n workflow automation to integrate AI services.
- Optimizing business processes by automating cross-platform data synchronization and API triggers.

Lead Engineer (Founding Team) | Stealth Startup (AI Fashion Tech)　　　　Sep 2025 – Present
- Architecting a full-stack AI platform with React Native and Python; secured 100K HKD funding from HKSTP.
- Integrating ML APIs to deliver personalized fashion recommendations based on user style preference data.

AI & UI/UX Development Intern | Voyager Education Ltd　　　　Mar 2025 – Jun 2025
- Designed AI-based STEAM educational curriculum and redesigned landing pages to improve UX metrics.

Research and Data Analyst Intern | SoleFit Care Ltd　　　　Dec 2024 – Jan 2025
- Processed 300+ 3D foot datasets using Python; developed scripts to train and optimize CNN models.

TECHNICAL PROJECTS

HK Employment & Legal RAG System | Python, Qdrant, Ollama　　　　Sep 2025
- Built an end-to-end RAG pipeline for semantic search on HK case law with evidence-cited answers via Streamlit.

Merchant Identity Unification Tool | NLP, Knowledge Graphs　　　　Nov 2025
- Led ML engineering for an AI tool resolving 165K+ fragmented IDs for 15 major HK banks via Graph matching.

Wish You Were Here Photobooth | Node.js, WebRTC, Socket.io　　　　Mar 2025
- Developed a full-stack app for real-time collaborative photo strips featuring live mirroring and remote capture.

Procrasti-NOT Chrome Extension | JavaScript, Manifest V3　　　　Jan 2025
- Engineered a productivity tool with Pomodoro timers and site blocking, optimized for persistent focus enforcement.

AWARDS & HONORS

- **Semi-Finalist (Ongoing):** IADS Developer Hackathon
- **First Prize (Regional):** Global Sustainability Challenge 2025
- **Finalist (Top 10):** Morgan Stanley Code to Give Hackathon
- **Finalist:** YPEC, IET Young Professionals Exhibition
- **Finalist (Top 10):** Inter-University GenAI Hackathon for SDG

RESEARCH

2026 Happy City Index Researcher | Happy City Hub　　　　2025 – 2026
Primary researcher for HK; analyzing 82+ urban indicators for global happiness index report.

Research Scholar under Dr. Robert Malkin (Duke University, USA) | IRI-NC　　　　2023
Conducted literature review on AI-driven planetary habitability detection.

LEADERSHIP & ACTIVITIES

AWS Educate Cloud Ambassador, HKSTP Talent Foundry Starter, Technical Core Team (**GDG HKUST**), Computer Engineering Peer Mentor (**CPEG**), **HKUST SENtastic Ambassador**, Executive Member (**Track and Field Student Society**), Executive Member (**ECE Student Society**), Delegate & Volunteer (**ReThink HK Sustainability Conference 2025**), Bridge to China (**Wu Zhi Qiao**) Team Member, **English Language Ambassador**, **International Student Ambassador**.

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 AI Associate**
- **Postman API Student Expert**
- **Meta Front-End Developer**