

Lok Lee

Data / AI / Automation Engineer

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🎓 Education

Master of Computer Science

City University of Hong Kong
Sep 2016 – Aug 2019

- Machine Learning
- Data Structures & Algorithms
- Artificial Intelligence
- Software Engineering
- Data Analytics

🧠 Skills

- **Programming:** — Python, SQL, JavaScript
- **AI / Machine Learning:** — Machine Learning, Deep Learning, CNN, NLP, LLM Applications
- **Frameworks & Libraries:** — PyTorch, TensorFlow, Scikit-Learn, Pandas, NumPy
- **Backend & Deployment:** — FastAPI, REST APIs, Docker, Hugging Face
- **Database:** — PostgreSQL, MongoDB
- **Tools:** — Git, Linux

📜 Certificates

- Python Expert
- Vue.js Expert
- PyTorch Expert
- TensorFlow Expert

🧩 SUMMARY

AI Engineer with experience building AI-driven systems, machine learning solutions, and software applications. Strong foundation in machine learning, data analysis, software engineering, and intelligent system development. Experienced across AI model development, Python programming, backend systems, data modeling, and deploying production-ready AI applications. Hands-on experience working in AI engineering roles ranging from internships to senior engineering responsibilities, with interests spanning Machine Learning, Deep Learning, Data Science, Backend Engineering, DevOps, and AI infrastructure. Passionate about building scalable AI systems that solve real-world problems and improve operational efficiency.

👛 Professional Experience

Senior AI Engineer

Open Call for Jordanian Startups: BRIDGE
Feb 2025 – Apr 2026

- Designed and developed AI-driven systems for practical business applications.
- Built machine learning pipelines for model training, evaluation, and deployment.
- Improved AI model performance through optimization and experimentation.
- Collaborated with multidisciplinary teams to integrate AI capabilities into software solutions.
- Worked on scalable backend architecture supporting AI workloads.

Junior AI Engineer / Mentor

AI-BOOST Large AI Grand Challenge
Jun 2024 – Jan 2025

- Assisted in machine learning solution development and experimentation.
- Mentored junior participants on AI concepts, model development, and software engineering practices.
- Conducted data preprocessing and model evaluation workflows.
- Supported AI project implementation and deployment activities.

AI / Software Intern

Recura (recurai.ai)
Mar 2022 – Apr 2024

- Developed software features supporting AI-driven applications.
- Participated in backend system implementation and optimization.
- Assisted in machine learning model experimentation and integration.
- Worked on API development and software deployment workflows.
- Collaborated with engineering teams to deliver production software.

📁 Projects

AI Object Detection System

- Developed CNN-based AI model for image classification and object detection.
- Built end-to-end ML workflow including preprocessing, training, evaluation, and deployment.
- Deployed production model to Hugging Face.

AI-Powered Intelligent Applications

- Built AI systems leveraging machine learning algorithms for practical problem-solving.
- Worked on backend integration and scalable deployment workflows.