Esther
Sun Young CHOI

DataOps Manager at Foodpang

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Work experience

September 2025 –
Foodpang (Seoul, South Korea)
DataOps Manager

Software Development, LLMs, MCP

March 2023 – August 2025
Surromind (Seoul, South Korea)
Machine Learning Engineer

Software Development, R&D, Time Series Analysis, LLMs

Education

2021 – 2023 Sorbonne University Paris, France	**MSc Data Science** *Machine Learning, Deep Learning, Computer Vision, NLP, Databases*
2018 – 2021 Sorbonne University Paris, France	**BSc Double Major in Mathematics and Computer Science** *Data Structures and Algorithms, Databases, Logic, Probabilities, Calculus, Algebra*

Computer skills

Programming	Python, SQL
Frameworks	PyTorch, Tensorflow, Transformers, FastAPI
Databases	MySQL, Milvus
Tools	Git, Docker, GCP

Communication skills

French	Native speaker
Korean	Native speaker, bilingual
English	Proficient, C1 level (CAE 182 pts)

Strengths

- Quick learner with good grasping ability.
- Action-oriented and result-focused.
- Easily collaborate with team members.
- Logical but creative thinking.

Projects

LLM Based Translation (Jan-Jun 2025)
- **LLM based translation** from English to French in **Healthcare** domain using specifically curated dictionary
- *Topics : LLM, Machine Translation, Prompt engineering*
- *Tech : Python, OpenAI, NLTK, FastAPI*

AI digital textbook (Jun-Sep 2024)
- **LLM** powered English **digital textbook** for Korean elementary school students
- Development of a **chatbot** to answer digital textbook FAQs
- *Topics : Text embedding, Vector Search*
- *Tech : Python, Transformers, NLTK, FastAPI*

AI excavator (Feb-Aug2025)
- Deep Learning based **excavator** bucket **trajectory generation**
- *Topics : AI based heavy equipment, trajectory modeling*
- *Tech : Python, PyTorch, laspy*

Robot arm control (Sep 2024-Feb 2025)
- **Robotic arm** manipulation using **OpenVLA**
- *Topics : VLA models, robot, simulation*
- *Tech : Python, PyTorch, Transformers, IsaacGym*

Sound and Vibration Analysis (Mar 2023-Jun 2024)
- **No-code platform** for **sound and vibration data analysis** for electric cars
- Complete **MLOps** pipeline: data preprocessing, Deep Learning models training, model
- *Topics : MLOps, Auto ML*
- *Tech : Python, PyTorch, FastAPI, MLflow, Ray*

Activities

- Member of ASCoF, the Association of Korean Scientists living in France
- Sports : Archery, Tennis, Hiking, Running
- Hobbies : Video games, Guitar

Interests

- Generative AI: LLMs, VLMs, VLAs
- AI applied to science
- Human Computer Interaction