

Parin Opasphatikul

Bangkok | 095-910-1661 | ryn.parin@gmail.com | github.com/rynparin

ABOUT

Passionate senior Computer Engineering student at Chulalongkorn University with interested in Data Engineering, Machine Learning, and Web Development

EDUCATION

Bachelor of Computer Engineering, Chulalongkorn University Expected 2024

- GPAX: 3.83
- Relevant Coursework: Data Structures, Algorithm Design, OOP, Statistics, Software Engineering, Databases System, Data Science & Data Engineering, Parallel and Distributed Systems

SKILLS

Programming Languages: Python, SQL, Scala, Java, C/C++, JavaScript, TypeScript, Go
Frameworks and Libraries: Pandas, Spark, Kafka, Airflow, TensorFlow, PyTorch, React, Next.JS
Tools: GitHub, Docker, Linux, MySQL, MongoDB, AWS, Terraform

EXPERIENCE

Data Engineer **Aug 2023 – Present**
AIMET Bangkok, Thailand

- Designed and implemented a Lakehouse architecture to meet organizational data needs, enhancing data accessibility and analysis capabilities

Researcher Intern **June 2023 – Aug 2023**
Korea Advanced Institute of Science & Technology (KAIST) Daejeon, Republic of Korea

- Researched and developed a Thai Chatbot for Korean Language Education
- Evaluated various Large Language Models (LLMs) for chatbot development
- Produced a final IEEE-format report summarizing the project's findings and outcomes

Front End Developer **July 2022 – Aug 2022**
Artspect Bangkok, Thailand

- Designed and implemented front-end website using Next.JS and Material UI
- Created Authentication, Voting, and Submission pages
- Contributed to backend development using Prisma and PlanetScale

Data Scientist Intern **May 2022 – July 2022**
4Plus Consulting Bangkok, Thailand

- Performed data cleaning and feature engineering
- Developed ML models using low-code and no-code platform (Azure ML)

PROJECTS

Wikimedia Stream to OpenSearch: Developed a tool using Apache Kafka and Docker in Java that uses a Kafka producer to stream data from Wikimedia to Kafka topics and a Kafka consumer to send the data to OpenSearch in real-time.

ELT Automation with Airflow: Automated daily extraction of MySQL data from Amazon RDS to Amazon S3, loaded it to Redshift, removed duplicates and summarized using SQL, with Apache Airflow for efficiency.

Parkinson Face Detection: Prepared data, applied Data Augmentation, Transfer learning, Cross Validation, and trained EfficientNet V2 to predict Parkinson's Disease patients based on their facial expressions in an individual study project at Chulalongkorn University.