Kanchana Duangcharee

Data Analyst

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SUMMARY

Computer Engineering student with a strong interest in Data Analyst, Data Engineer, and Data Scientist roles. Experienced in Data Science through a Credit Risk Model competition project, focusing on Big Data analysis to build a model for predicting default risk according to the competition objectives. Also experienced in Data and Image Preprocessing for OCR, including image preparation, data cleaning, and data normalization of OCR outputs.

SKILLS

- Programming Languages: Python, Java, JavaScript, C, Assembly
- Data Analysis & Visualization: SQL, Power BI, Microsoft Excel
- Development Tools & Frameworks: Django, Git, HTML, CSS, Bootstrap

PROFESSIONAL EXPERIENCE

Internship, National Electronics and Computer Technology Center (NECTEC)   **Jun 2025 - Jul 2025**
- Data & Image Preprocessing for OCR evaluation
- Data cleaning, ground truth preparation, and OCR result analysis
- API-based OCR testing and processing time analysis

PROJECTS

Credit Risk Model │ Data Science
Project in Data Science for Signal Processing Course, Second Semester of 2023
- Managed and processed big data.
- Developed a Machine Learning model to predict the risk of customers defaulting on loans.

Tools and Techniques: Python, Pandas, Data Preprocessing, Feature Engineering

Quota Request │ Web Applications
Mini project in Software Engineering Course, First Semester of 2024
- Developed a web application for course quota requests for request and approval process.
- Designed and implemented both Frontend and Backend systems for ease of use by both admins and users.

Tools and Techniques: Python, JavaScript, Django, HTML, CSS, Bootstrap, Web Development

FlashBook │ Web Applications
Final project in Software Engineering Course, First Semester of 2024
- Built a web application for vocabulary practice featuring Flashcard and WordGuess games.
- Designed and structured the database to ensure scalability and efficient performance.
- Created user-friendly UI/UX and developed a secure, stable backend system.

Tools and Techniques: Python, JavaScript, Django, HTML, CSS, Bootstrap, Web Development

EDUCATION

Faculty of Computer Engineering   **Aug 2022 - Present**
Thammasat School of Engineering, Thammasat University

ADDITIONAL INFORMATION

- **Certifications:** IT Specialist – Data Analytics, Certiport (Pearson), 2025
- **Competitions/Activities:** Home Credit - Credit Risk Model Stability, kaggle (Ranked 604 out of 3856 participants)