

# RADCHANEEPORN CHANGPUN

Pathumtani, Thailand

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## TECHINICAL & RESEARCH SKILLS

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- Machine Learning Models (Regression, Random Forest), Natural Language Processing (NLP), Large Language Models (Finetuning & RAG), Data Science, Neural Networks
- Developer Tools: Python, PyTorch, SQL, Langchain, HuggingFace, MATLAB, Scikit-Learn, Pandas, Matplotlib, Linux

## EDUCATIONS

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- **M.Sc. in Computer Science** Expected graduation: June 2025  
Faculty of Engineering, Chulalongkorn University  
**Research fields:** Chatbot from Thai Large Language Models  
**Advisor:** Assoc.Prof. Peerapon Vateekul, Ph.D.  
**Relevant courses:**  
Data Science and Data Engineering Tools, Computer Algorithm, Artificial Intelligence, Pattern Recognition

- **B.Sc. in Chemical Engineering** 2017 - 2021  
Faculty of Science, Chulalongkorn University  
**Publication:**  
Nimmanterdwong, P.; **Changpun, R.**; Janthboon, P.; Nakrak, S.; Gao, H.; Liang, Z.; Tontiwachwuthikul, P.; Sema, T. (2021). *Applied Artificial Neural Network for Hydrogen Sulfide Solubility in Natural Gas Purification*. ACS Omega 2021, 6, 31321–31329. [\[Link to Paper\]](#)

## PROJECTS

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- Finetuning Thai Large Language Model (Typhoon) with Open-Source dataset [\[Link to Project\]](#)
- Applied Retrieval Augmented Generations (RAG) technique from Scopus data with Open-Source Large Language Models (Llama 13B) [\[Link to Project\]](#)

## OTHER SKILLS

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- **Software & Tools:** Github, PowerBI
- **Tech Stack:** Streamlit, Gradio
- **Model Evaluation:** Weights and Biases (WandB), TensorBoard
- **Language Score:** TOEIC 840/990 (2024), CUTEF 79/120 (2023)

## WORKING EXPERIENCE

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Chemical Process Engineer, Wood PLC (Foster Wheeler) Jan 2022 - Jan 2023

- **Technical skills:** Research skills, Computer Skills (Words, Excel)
- **Soft skills:** Foreigner Collaborations, Interdisciplinary Communication skills, Problem-Solving skills, Analytical skills