
Rujikorn Charakorn

I am a PhD student at Information Science and Technology (IST), VISTEC. My research interests include deep reinforcement learning, cooperative and competitive multi-agent learning and computer vision.

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Github: <https://github.com/51616>

Google Scholar: <https://scholar.google.co.th/citations?user=CWICN9UAAAAJ&hl=en>

EDUCATION

Doctor of Engineering - *Information Science and Technology (IST), VISTEC, Thailand*
2019 - Present

Bachelor of Engineering - *Computer Engineering, Chulalongkorn University, Thailand*
2015 - 2019 (second class honours, GPAX: 3.48)

PUBLICATIONS

An Explicit Local and Global Representation Disentanglement Framework with Applications in Deep Clustering and Unsupervised Object Detection (2020)

(Arxiv pre-print: <https://arxiv.org/abs/2001.08957>, IEEE TPAMI under review)

EXPERIENCE

Siametrics Consulting - *Part-time data scientist*

Feb 2019 - May 2019

I worked here as a part-time data scientist and did a handful of projects with the team during my last semesters in the university including identifying rooftops from satellite images, analyzing geolocation data, market basket analysis and recommendation system.

KASIKORN Business - Technology Group (KBTG) - *Data Scientist Trainee*

Jun 2018 - Aug 2018

I had a 2-month internship at KBTG as a data scientist and did a project called "Machine Investment: Locate LTF & RMF Holders From Customers Data."

PROJECTS

Senior Project - Development of a Thai Checkers Program Using Reinforcement Learning (2019)

AlphaGo-like implementation in Thai Checkers environment (https://github.com/51616/CU_Makhos)

Computer Vision Project - Damaged English Text Recovery Using Autoencoder (2018)

Train an autoencoder model on generated data (https://github.com/51616/denoise_generated_text)

Programming Methodology Project - Wordwar (2016)

An object-oriented game using java (<https://github.com/51616/wordwar>)

SCHOLARSHIPS AND AWARDS

Scholarship for Doctor of Engineering Program at VISTEC (2019-2025)

TOT Hackathon (Big Data and Analytics) - Winner (2019)

Insights and deep learning model for customer churn. (<https://www.chula.ac.th/en/news/17556/>)

Smart Energy Hackathon - 2nd runner-up (2018)

Carboneth - a blockchain-based approach to automate the process of Carbon Credits Evaluations while maintaining transparency and integrity. (<https://devpost.com/software/carbonet>)

AEON Scholarship (2015-2019)

Chulalongkorn University Education Fund (2015)