

Sawit Trisirisatayawong

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Experience

Central Technology (Central Group)

Bangkok, Thailand

SOFTWARE ENGINEER

December 2019 - Present

- Central Technology is subsidiary of Central Group that provides technological innovation and solutions to their retail business
- Proposed and initiated project to subdivide current Magento e-commerce backend into separate proprietary micro-services
- Designed and implemented a new YugaByte database structure to handle product information and category management

HBOT

Bangkok, Thailand

DATA SCIENTIST - ANALYTICS

June 2019 - November 2019

- Developed company internal dashboard using Python, Flask, and MongoDB to provide easier access to server status, chatbot information, and usage statistics
- Analysed platform usage and interaction trends to determine new monetization opportunities, increasing monthly revenue by 20%
- Designed and developed chatbots for some of Thailand's largest corporations including Stock Exchange of Thailand and Facebook (Thailand)

Kasikornbank

Bangkok, Thailand

DIGITAL TRANSFORMATION INTERN

June 2018 - July 2018

- Lead engineering team in design and prototype development of an automated travel planning mobile application.
- Collaborated with other team members to develop business and revenue model, along with calculating Total Addressable Market for product.

Education

University of Michigan

BACHELOR OF SCIENCE (BSC.) IN COMPUTER SCIENCE

Sep. 2015 - May 2019

Activities and Societies: Thai Student Association (President), Asia Business Conference (Associate Director - Finance)

Projects

CubeSat Engineering Model (Arduino)

AS PART OF DR.TIPPAWAN WANWIWAKE'S RESEARCH AT GISTDA

- Compiled literature review of CubeSat platform, examining practicality of platform adoption in Thailand to help with natural disaster tracking and management following 2011 flood.
- Assisted in programming and assembly of Arduino-based CubeSat satellite engineering model, enabling faster testing and iteration.

Rapper Lyrics Matching Model (Python)

MACHINE LEARNING MODEL / WEB APPLICATION

- Built a text classification program that modelled rap lyrics using various algorithms including Decision Trees, Multinomial Naive Bayes, and Vector Space Model
- Allows website visitors to enter their own lyrics and output artist with closest matching lyrics features.

Alfred My Mind (Golang)

ALFRED WORKFLOW

- Alfred workflow written in Go to parse my personal wiki and return query-relevant results.

Skills

Programming Languages

Python (pandas, nltk, scikit-learn), SQL (MySQL), C/C++, HTML, CSS

Platforms/Services

Docker, Jenkins, AWS (EC2), GCP (Compute Engine), Google BigQuery, MongoDB

Tools

Tableau, Microsoft PowerBI, Microsoft Excel

Others

Agile Delivery (Professional Scrum Master I), Inbound Marketing, Google Analytics

Languages

Thai (native), English (fluent)

Additional

- 18 years of classical training in piano and violin
- Grade 8 with Merit in Trinity Guildhall's Piano Examination
- PADI-Certified Open Water Diver