

Sawit Trisirisatayawong

Bangkok, Thailand

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Experience

HBOT

Bangkok, Thailand

DATA SCIENTIST

June 2019 - Present

- 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 using Sketch and Flinto to 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 for product.

CLSA Securities

Bangkok, Thailand

SUMMER RESEARCH INTERN (EQUITY RESEARCH - TELECOMMUNICATIONS)

July 2017 - August 2017

- Modelled and extrapolated carrier's mobile signal coverage capacity in Bangkok using Matlab and Excel to analyze cell tower placements and signal quality around Bangkok, allowing for more accurate predictions of future congestions and verification of public complaints.
- Analyzed mobile data usage and network capacity growth to evaluate impacts of loss of frequency bands on carrier's infrastructure, influencing analyst's recommendation on stock.

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 / WEBSITE

- Built a text classification program based on 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, MATLAB, C/C++, HTML, CSS

Tools

MongoDB, Microsoft PowerBI, Microsoft Excel

Others

Agile Delivery (Professional Scrum Master I), Inbound Marketing

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