Sawit **Trisirisatayawong**

Bangkok, Thailand

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Experience

Central Technology (Central Group)   *Bangkok, Thailand*

SOFTWARE ENGINEER (GO/POSTGRESQL/YUGABYTE/AWS/DOCKER)   *December 2019 - Present*

A subsidiary company of Central Group, whose goal is to bring innovation and omnichannel retail solution to the Group's retail business
- Proposed and initiated project to break current Magento e-commerce backend into separate proprietary micro-services
- Designed and implemented a new PostgreSQL database structure and product creation/query REST API in Go to handle product information and category management

HBOT   *Bangkok, Thailand*

DATA SCIENTIST - ANALYTICS (PYTHON/FLASK/MONGODB/GCP/DOCKER)   *June 2019 - November 2019*

- Developed internal dashboard using Python, Flask, and MongoDB to provide easier access to platform status and usage statistics
- Analysed platform usage and interaction trends to determine new revenue 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

- Complied 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