

Sawit Trisirisatayawong

DATA SCIENTIST

Bangkok, Thailand

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Experience

HBOT

Bangkok, Thailand

DATA SCIENTIST (PYTHON/MONGODB/FLASK/DASH)

June 2019 - Current

- Created company internal dashboard website using Python, Flask, and Dash to provide easier access to server status, chatbot information, and usage statistics
- Designed, developed, and maintained chatbots for some of Thailand's largest corporations including the Stock Exchange of Thailand, Facebook (Thailand), and Kubota

Kasikornbank

Bangkok, Thailand

DIGITAL TRANSFORMATION INTERN

June 2018 - July 2018

- Lead engineering team in design and prototype development of team's automated travel planning mobile application. (Sketch and Flinto)
- Collaborated with other team members to develop business and revenue model, along with calculating TAM for product's market.

CLSA Securities

Bangkok, Thailand

SUMMER RESEARCH INTERN (EQUITY RESEARCH/TELECOMMUNICATIONS)

July 2017 - August 2017

- Modelled carrier's mobile signal coverage capacity in through 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.
- Forecasted 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.

InVent

Bangkok, Thailand

SUMMER INTERN (VENTURE CAPITAL)

May 2016 - May 2016

- Advised investment committee on prospective investment in online video editing space, based on existing options' usage trends, feature set, ease of use, and platform availability.

Education

University of Michigan

B.S. IN COMPUTER SCIENCE

Sep. 2015 - May 2019

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

Projects

Arduino-based CubeSat

Bangkok, Thailand

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

2014

- 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 CubeSat engineering model based on Arduino platform, leading to shortened timespan prior to initial testing.

Skills

Programming Languages

Python, SQL, C/C++, HTML

Tools

MongoDB, Matlab, Microsoft PowerBI, Microsoft Excel, Bloomberg Terminal

Others

Agile Delivery (Professional Scrum Master I), Inbound Marketing

Languages

Thai (fluent), English (fluent)

Additional

- Only high school student to be offered research position by Thailand's Geo-Informatic and Space Technology Development Agency
- 17 years of classical training in piano and violin
- Grade 8 with Merit in Trinity Guildhall's Piano Examination
- PADI-Certified Open Water Diver