Sawit **Trisirisatayawong**

DATA SCIENTIST

Bangkok, Thailand

+66857027779 | sawit.tr@gmail.com | tansawit.me | tansawit | tansawit | tansawit

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 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 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.
- 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

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

Arduino-based CubeSat

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 CubeSat satellite engineering model based on Arduino platform, enabling faster testing and iteration.

CardValidate

PYTHON LIBRARY TO IDENTIFY CREDIT CARD ISSUER AND VALID CARD NUMBER FORMAT USING LUHN'S ALGORITHM

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

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