VORAMETH REANTONGCOME's CV

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Education

Bachelor of Science in Information and Communication Technology, Mahidol University - Graduated (2019)

[Current Study] - Master Degree in Data Science and Artificial Intelligence, Asian Institute of Technology, Thailand

Experience

August 2024 - Now

▸ **Persuading Master Degree in Data Science and Artificial Intelligence, Asian Institute of Technology, Thailand**
- Project on Computer Programming in Data Science
  - **Loan Fraud Prediction** - The project utilize the Kaggle datasets for training the model. The output is the classification problems on whether the customer will probably cause loan fraud or not.
- Project on Machine Learning
  - **CO2 Emission Prediction** - The project apply datasets from government open data website for predicting the trend of CO2 emission from each natural resource. This project could help government agency to predict the trend of CO2 based on controlled resource which could assist on policy establishment.
- Current Studying in **Business Intelligence Analytics**, **Database Modeling and Management**, **Data Engineering and Machine Learning Operation**, and **Natural Language Understanding**

July 2020 - July 2024

▸ **Employee, Bank of Thailand; Bangkok, Thailand**
- Threat Hunter
  - Provided tools and guidelines for securely erasing the media to Help Desk for recycling purpose
  - Coordinated and Planned with colleagues to implement a tool for sniffing the traffics in order to feed and utilize them into storing or processing machines
  - Coordinated and Planned with colleagues to implement a tool for processing the traffic using off the shelf product with machine learning as a main processor. Not only implementing, but tuning is also performed due to the false alert events. This helps to detect any malicious behavior hidden under a thousand communication traffics over the network.
  - Lead the implementation of website gateway projects which help to prevent any malicious request from WFH endpoints to bad actors
  - Executed threat hunting using the threat intelligence to proactively detecting for any malicious artifacts inside the endpoints or servers
  - Coordinated and Planned with colleagues for building and creating the threat news platform in order to detect any incident in the Internet that may relate to organization
  - Analyzing the data from the phishing email in order to extract any pattern that might be useful to adjusting the SIEM rule for better detection on malicious activities
  - Maintained security products for effectively functioned
- Penetration Tester

- o Assessed the website applications whether they contain any vulnerabilities which may lead to initial attack process
- Others
  - o Being a representative joining TB-CERT CyberCombat Event which was the competition about security areas (CTF)

June — August 2019

▸ **Internship, Nara Institute of Science and Technology; Nara, Japan**
- Implementing Blockchain concept to secure multi-tenants cloud computing
- Using Truffle framework to integrating the smart contract for flowing the transaction on cloud
- Proving the concept with simulated tenants and virtual machines as the smart contract
- Exchanging cultural experience with other members in the lab

June — August 2018

▸ **Internship, Bremen University; Bremen, Germany**
- Using Tensor Flow for Prediction Users Behaviour
- Implementing Android application through Android Studio with Network Parameters
- Clearing and preparing data with Pandas library in Python
- Cultural and Knowledge Exchanging

June — July 2016

▸ **Representative Participant in Asian Undergraduate Summit, National University Singapore, Singapore - June to July 2016**
- Improving design and creative thinking skill through group discussion
- Being aware of disruptive changes from technology over businesses
- Acknowledging upcoming trends of business
- Learning communication skills with English language
- Exchanging cultural experience with other members

Award and Certification
- CompTIA CySA+
- CompTIA Security+
- Certified Ethical Hacker: CEH
- Computer Hacking Forensic Investigator
- 1st Runner of Final War competition in E-Business course 2018
- ICDL IT Security Certification 2018
- Scholarship for Outstanding Years from Faculty of ICT 2017

Skills

Programming Language : C, Java, Python, HTML, JavaScript and PHP

Technical Skill : Basic IoT device, Basic Router or Switch Configuration, Network Programming, Network Management and Security Knowledge & Experience

Project During Undergraduate:
- Senior Project about A Recommendation System for Information Security Standard based on Organization Context
- Database Design comply with Hotel domain
- Movie Searching with Youtube Google and Twitter API using PHP as backend and HTML as frontend
- Hotel System in C Programming Language