

YANNADATCH OUCHALERN



Contact

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Portfolio:

<https://github.com/YannadatchO/sandbox>

EDUCATION

**King Mongkut's University of
Technology Thonburi (KMUTT)**

Bangkok

Bachelor of Engineering

Electronics and Telecommunication
Engineering

GPA: 2.77

CUTEP Score: 58

issued on 2 Jun 2019

TOEIC Score: 600

issued on 19 July 2018

CAREER OBJECTIVE

Adaptable professional with 6+ years of experience and a proven knowledge of technical 3G 4G radio network, cross-function task and project management. Transitioning from a career in telco industry and seeking a full-time role in the field of data analytics

EXPERIENCE

Radio Planning and Optimization Engineer

Total Access Communication Public Company Limited
(DTAC) | Bangkok / Sep 2014 – Dec 2019

Project: New site 3G 4G 2100MHz (DTN/DTAC Project)

Small Cell PEA Project

TDD LTE2300 MHz

Enhancement UL2100 MHz TDD2300MHz

Special Project: Site Relocation BMA + Regional

Inventory Management

Event Support

- Cluster ownership both Radio planning & optimization in BMA
- New site design solution and propose location to installation sites
- Monitoring network reliability, availability and efficiency
- Maintain KPI and Optimization system to its most effective operating condition as required
- Worst cell analysis and diagnostic all related problems to find out the best solution to recover and improvement in term of radio point of view
- Capacity management to maintain and improve throughput, reduce congestion
- Analyse and find out short term and long term solution to solve customer complaint and low NPS area
- Lead vendor to get best solution to improve network performance and user perception
- Support special task i.e. Benchmarking with competitors, special route (MRT, BTS, SARL, Expressway, the bridge, special event, features and parameters trial.)

IE Engineer (Installation Engineer)

Ericsson (Thailand), Ltd | Bangkok / Jul 2013 – Aug 2014

Project: Newsite 3G 2100MHz (TRUE Project)

- Reviews site survey in accordance with installation plans
- Design and dimension BOM (Bill Of Material) for radio base station
- Handle inspection & supervise subcontractor to complete work as specified in technical requirement
- Coordinate with external & internal pertaining project requirements. Keep track on project status and alert
- Prepare and distribute project progress reports to project manager and all stakeholders

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Personal Accomplishment

[Trekking]

Annapurna BaseCamp (ABC)

April 2017, *Nepal*

Rinjani Mountain

May 2018, *Indonesia*

น้ำตกเปรี๊ยะล่อชู

Aug 2017, *Tak, Thailand*

อุทยานแห่งชาติ ภูสอยดาว

Aug 2020, *Uttaradit, Thailand*

ยอดดอยช้างผาด่าน

Aug 2020, *Phrae, Thailand*

[Half Marathon]

Royalty member of Bansaen 21

Since 2017, *Bansaen,*

Chonburi, Thailand

Scenic Half Marathon

July 2017, *Khung Wiman,*

Chanthaburi, Thailand

SKILL

- Preferably a knowledge of or a background in Telco industry
- Preferably experience and skills in project management : 4G/3G Rollout radio newsites & optimization
- Passionate about data and solving problems
- Strong communication and interpersonal skills
- Structured problem solver ability with excellent analytical
- General understanding of business data, data visualization and storytelling with data
- Knowledge of statistics using data analytics tools (Excel, Tableau)
- Knowledge of and reporting tools, database (SQL), programming (Python), (R)
- Statistical analysis using (e.g., Python : Pandas, Seaborn, Matplotlib, R : Tidyverse, ggplot2)
- Knowledge in statistics (e.g., Probability distributions, Hypothesis testing, Regression and Correlation analysis)
- Knowledge in various ML techniques (e.g., Regression, Classification, Clustering)
- Knowledge in DL framework (e.g., Tensorflow, Keras, Pytorch Scikit-learn & SciPy)
- Construct & evaluate Machine Learning (ML) models

Licenses & certifications

Data Science Professional Certificate

Issued by Coursera

Authorized by IBM

Verify at https://www.credly.com/badges/f4c0ab28-29a0-4f60-a47e-d9963e8df01d/public_url

The badge earner is ready for a career in data science with demonstrated ability to solve for real-world problems. They can apply Data Science methodology

- Work with Jupyter notebooks
- Access relational databases using SQL & Python
- Use Python libraries to generate data visualizations
- Perform data analysis using Pandas
- Construct & evaluate Machine Learning (ML) models using Scikit-learn & SciPy and apply data science & ML techniques to real location datasets..

This badge completed 10 courses :

- Tools for Data Science
- Data Science Methodology
- Python for Data Science, AI & Development
- Python Project for Data Science
- Databases and SQL for Data Science with Python
- Data Analysis with Python
- Data Visualization with Python
- Machine Learning with Python
- Applied Data Science Capstone

Licenses & certifications

Google Data Analytics Certificate

Issued by Coursera

Authorized by Google

Verify at https://www.credly.com/badges/005be311-1008-4c7a-a3df-0dd800b63fe7/public_url

Those who earn the Google Data Analytics Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action

IBM AI Engineering Professional Certificate

Issued by Coursera

Authorized by IBM

Verify at https://www.credly.com/badges/6409ca08-e3ff-483d-acbf-70e0c601b806/public_url

This badge earner has demonstrated proficiency in Machine Learning (ML) and Deep Learning (DL). The earner understands various ML techniques such as

- regression, classification, clustering & recommender systems and is able to scale ML on Big Data using Apache Spark.
- The earner is able to build, test & deploy DL models using libraries such as Keras, PyTorch & Tensorflow.
- The earner has completed several ML & DL projects and is now armed with skills for starting a career in AI Engineering

This badge completed 6 courses:

- Machine Learning with Python
- Scalable Machine Learning on Big Data using Apache Spark
- Introduction to Deep Learning & Neural Networks with Keras
- Deep Neural Networks with PyTorch
- Building Deep Learning Models with TensorFlow
- AI Capstone Project with Deep Learning

Courses of the Deep Learning Specialization. authorized by DeepLearning.AI and offered through Coursera

- Build and train deep neural networks, implement vectorized neural networks, identify architecture parameters, and apply DL to your applications
- Use best practices to train and develop test sets and analyze bias/variance for building DL applications, use standard NN techniques, apply optimization algorithms, and implement a neural network in TensorFlow

- Neural Networks and Deep Learning Course

Verify at <http://coursera.org/verify/UYPH9HXQN59C>

- Convolutional Neural Networks Course

Verify at <http://www.coursera.org/verify/DZS3YAYRMUWQ>