[Lille, France]
https://ekapope.github.io

EKAPOPE VIRIYAKOVITHYA

[+33 07 68 49 58 75]
ekapope.v@gmail.com

EDUCATION

Lille, France	**IÉSEG School of Management**	**Aug 2018 – Present**

- **Major: M.Sc. Big Data Analytics for Business**
- **Core Courses:** Descriptive & Predictive Analytics, Statistical & Machine Learning, Optimization Techniques
- **Programming Courses:** Python, R, SAS, SQL, Tableau, Excel VBA

Bangkok, Thailand	**Chulalongkorn University**	**Jun 2008 – May 2011**

- **Major: B.Eng. Petroleum Engineering [Second-Class Honors]**
- **Core Courses:** Reservoir Simulation, Production Optimization, Petroleum Economics, Upstream Oil & Gas Operations
- **Thesis:** Simulation of water coning control for gas production optimization in the Bongkot field, Gulf of Thailand.

EMPLOYMENT

UXO Geophysicist	**Pinpoint Geophysics**	**Jun 2017 – Jun 2018**

Data Processing & Quality Control of Geophysical Datasets [*pinpointgeophysics.com*] [*mmg.com*]

- Analyzed time-domain electromagnetic data from unexploded ordnance survey. Target areas in Kuwait, Malaysia.
- Consultancy service for MMG Limited at Sepon Mine, Laos PDR [3-month project].
- Implemented new instrument test procedure which improved consistency and minimized human errors. Mentored the teams and provided technical support to any situation when they could not deal themselves with.

Senior Field Engineer	**Schlumberger**	**Jul 2011 – Oct 2016**

Leading Services Provider for Oil & Gas Industry [*slb.com*]

- Project leader of asset traceability implementation for Thailand, Myanmar and Vietnam. Developed workflow and coached internal staffs. The goal was to improve data capture accuracy, asset utilization and traceability using Tableau platform. Up to 20% of under-utilized assets were transferred to the centralized facility to maximize asset utilization.
- Lead engineer on offshore jack up and tender drilling rigs worked with frequent full mobilization and maintenance activities along with challenging logistic constraints. Main clients were PTTEP and Chevron Thailand.
- Presented as a focal point company representative at the wellsite. Directly responsible for the quality of service delivered, ensure safety, quality and efficiency of operation were up to standards.
- Collaborated with account manager, prepared contract extension tender for PTTEP in 2014.
- Coached 4 direct reports for their career advancement during 2013 -2016.

PROJECTS

Personal Website: *https://ekapope.github.io* [for additional info and projects]

Customized Weather Alert [Python]

- Utilized Gmail and Twitter API to notify any chance of rain or snow in selected area using data from AccuWeather API.
- Inspired by routinely checking weather app every single morning and several times during a day.

Web Scraping and Property Price Estimation [Python | PowerBI]

- Utilized scraped data from property listing website and predicted condominium price located in Bangkok, Thailand.

SKILLS

Software and Languages: [Proficient: Python, SQL, Tableau] [Familiar: R, Excel VBA, SAS, PowerBI]

INTERESTS | EXPERIENCES

- Active member of Responsible Leader CSR group at IÉSEG Lille [2018-2019].
- Quantitative analysis for stock investment: backtesting, walk-forward optimization utilized Amibroker software.
- Ordained as Buddhist monk: Wat Thepsirintharawas Temple during Feb-Mar 2017 in Bangkok, Thailand.