FU, Kai Pong Thomas

Mobile: 5744-3703   Email: kpthomasfu@gmail.com   LinkedIn: www.linkedin.com/in/thomas-fu-kp
Age: 27   Availability: Immediate is highly preferred

Personal summary

Graduate of mechanical engineering from HKUST.

Begin data science learning from 2017 via MOOC.

A person with curious mindset and analytical thinking. But easily lose his concentration by details.

Studying data science through curriculum suggested by Class Central, a MOOC recommendation platform.

Seeking for a position related to machine learning and data science.

Enhancing programming skills with coding on Kaggle and trying to build a website through Github now, hope something could launch in coming 6 months.

Left the last working position due to company restructure and stay being idle due to personal family reason.

Education

The Hong Kong University of Science and Technology   2011 - 2014

BEng in Mechanical Engineering

- Second Class Honor
- Dean's List for the School of Engineering, Sep 2014
- Team Member, Fencing Team
- Equipment Manager, Fencing Club, HKUSTSU
- Executive Committee, Mechanical Engineering Students' Association, HKUSTSU

Experience

Sales Engineer, IES Engineering (Hong Kong) Ltd.   2017 - 2019

- Conduct sales activities in the supply of equipment for the centralized hot water system, solar hot water system, district cooling, residual heat recovery, and pool heating
- Discuss and promote with local building services consultants

Sales Engineer, Dah Chong Hong – Dragonair Airport GSE Service Ltd.   2016 - 2017

- Perform sales activities to supply ground services equipment and maintenance services to operators in Hong Kong Airport

Financial Planner, Manulife (International) Limited   2015 - 2016

- Promote retirement planning financial packages in long term annuity and MPF

Wealth Officer, Noble Apex Wealth Ltd.   2014 - 2015

- Conduct comprehensive personal financial analysis and offer solution packages to clients in wealth creation and retirement planning etc.

Design Trainee, Compass Technology Company Limited (Internship)   2014 - 2014

- Research on multi-layer flexible printed circuit board (FPCB) material under supervision by the company's R&D and university professor
- Learn the procedure of product development, dominate skills of CAD programme, and organize and leading research project
- Handle ad-hoc tasks of design and R&D

Skills

Data Science

- Python
(SciPy, Visualization with ggplot & seaborn, Scikit-learn, Tensorflow, Keras)
- R
- SQL

Computer Skills

- Microsoft Office
(Access, Excel, PowerPoint, Publisher, Words)
- VBA in Excel
- PowerBI
- Prezi

Engineering

- AutoCAD
- SolidWorks and SolidWorks Simulation
- Operate lathing and milling machine

Language

- Native Cantonese
- Fluent English
- Fluent Mandarin

Life

- Driving license (Class 1 & 2)
- Fencing Coach (Level 1)
- Fencing Referee (Probationary)

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Data Science Learning History

Machine Learning & Deep Learning

Machine Learning, by Stanford University via Coursera

Deep Learning (Specialization), by Deeplearning.ai via Coursera

Data Science & Machine Learning Certificate, by Xccelerate HK (former: Accelerate HK)

Data Science, Big Data & Statistic

Data Science Foundations - Level 2 (V2), by IBM via CognitiveClass.ai

Foundations of Data Analysis - Part 1: Statistics Using R*, by the University of Texas at Austin via edX

Foundations of Data Analysis - Part 2: Inferential Statistics*, by the University of Texas at Austin via edX

Programming

Python Programming Track (Skills Track), by DataCamp, plus

+ *pandas Foundations*
+ *Manipulating DataFrames with pandas*
+ *Merging DataFrames with pandas*

Importing & Cleaning Data with Python (Skills Track), by DataCamp

R Programming Track (Skills Track), by DataCamp, plus

+ *Data Manipulation in R with dplyr*
+ *Joining Data in R with dplyr*
+ *Data Analysis in R, the data.table Way*

Importing & Cleaning Data with R (Skills Track), by DataCamp

Machine Learning & Data Science Certification Training Bundle(8 courses), by Minerva Singh via Stackskills

Data Visualization

Data Visualization with Python (Skills Track), by DataCamp

Data Visualization with R (Skills Track), by DataCamp

Software Skills

Introduction to Databases (10/14 courses), by Stanford University via Stanford Online

Querying with Transact-SQL, by DataCamp

* Audited the course only