DAO QUANG HOAN - Data Scientist

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OBJECTIVE

Hi! My name is Hoan. I was a web developer for about 2 years. Currently, I am master student at University Ca' Foscari of Venice working in the fields of data analysis, machine learning and computer vision.
At the moment, I'm open to work, I desire to work and learn in the professional, open and friendly environment, be dynamic to learn and discover more new things from work and people, cultivating major knowledge and soft skills.

EDUCATION

Hanoi University - Vietnam Sept 2011 - Jun 2015

Major: Information Technology

Bachelor of Information Technology

Ca 'Foscari University - Italy Sept 2017 - 2020

Major: Computer Science

Master's degree in Computer Science - Data Management and Analytics

SKILLS

AI and Data Management	Adversarial Machine Learning, Machine Learning, Neural Networks, Data Mining Algorithms, Data Design
Other skills	Problem-solving, Data Structures and Algorithms skills, Computational Thinking, Open Source, Web Development
Main Languages and Frameworks	Python, R, PHP, SQL, Tensorflow, Keras, scikit-learn, pandas, numpy

WORK EXPERIENCE

SCUTI CO., LTD June 2016 - Sept 2017

Full Stack Developer

Maintain and develop internal infrastructure and software, process for a small team as Scrum Master role.

Media Max Japan CO., LTD Nov 2015 - Apr 2016

Full Stack Developer

Development of web applications and web services for B2B and B2C.

PROJECTS

Kmeans and Spectral Clustering on Image Segmentation

(Apr 2019 - Aug 2019)

Customer	Prof. Pelillo Marcello
Description	An implementation of k-means and spectral clustering on few UCI datasets. We also use K-means and spectral clustering on the Berkeley Segmentation Benchmark
Team size	1
My position	Data Scientist
My responsibilities	Implement Kmeans and Spectral Clustering on a few datasets
Technologies used	Python, scikit-learn, numpy, pandas

A Time Series on Global Temperature

(Feb 2018 - Jul 2018)

Customer	Prof. Carlo Gaetan
Description	Analyze a time series of global temperature of land and ocean to estimate persistent features over 140 years and predict the future
Team size	2
My position	Data Scientist
My responsibilities	Apply filtering to identify trend, verify the stationary and the randomness of the time series, evaluate the data support for different of ARIMA process, make prediction.
Technologies used	R

Networks in Economics and Social Science
(Sep 2017 - Feb 2018)

Customer	Prof. Casarin Roberto
Description	Analyze a dataset of 210 bank networks which is recorded in different time. Base on this dataset, we calculate some statistic indexes for all networks to show the evolution over time
Team size	2
My position	Data Scientist
My responsibilities	Analyze and apply graph theory to dataset to visualize the relation of these banks and the health of each bank
Technologies used	R