

TRUNG-DUY NGUYEN

Data Scientist

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EXPERIENCE

Data Scientist-Apprenticeship

KPMG Deutschland August 2017 – Present



- Containerize Data and Analytics applications on Docker, Kubernetes
- Data cleansing on Financial Service Database
- Enhance Recommendation System for Solution sales Engine
- Achievement: Deploy applications (Spark cluster) with 1-click, Engine performance improves 1000x compared to traditional system.

Data Analyst

Tenpoint7 September 2015 – August 2016



- Crawling data and develop more efficient data collection procedures.
- Input then compile and run data models with corporate standards.
- Interpret and analyze results by using statistical measurements and provide ongoing reports
- Work with management to prioritize business and information needs.

Teaching Assistant - Scientific Methodology course

HCMC University of Science October 2015 – February 2016

- Guiding student how to state hypotheses and test them in scientific approaches
- Giving tutorials to conduct scientific papers on Latex
- Held office hours weekly to ensure students understood course concepts

Business Analyst

ToxTalent September 2014 – July 2015

- Collect/Analyze user requirements, market research
- Design mockup, construct test-cases
- Plan strategies, prioritize tasks and resources for each Sprint
- Operate software development process (SCRUM, Agile)

PROJECTS

DATASETS FOR MACHINE LEARNING IN THE KITCHEN

EURECOM | Supervisor: Dr. Maurizio Filippone Mar 2017 - July 2017

- Web-mining: Implement crawler (Scrappy, BeautifulSoup, Selenium) to scrap data
- Indexing text (Inverted list, TF-IDF), Ingredient Parser based Semantic, Recommendation System for Food

SENTIMENT ANALYSIS ON TWITTER, STARBUCKS DATA

Tenpoint7 Jul 2016 – Aug 2016

- Perform Natural Language Processing (NLP) tasks
- Classify sentiments by various ML models 16GB of raw text

MY MESSAGE

"Seeking for a challenging and innovative position in Data Science. I am fascinated to shape and transform data to valuable knowledge"

EDUCATION

M.Sc. in Data Science and Engineering

Institute Mines-Télécom(IMT)/EURÉCOM

Sept 2016 – Present

Courseworks: Machine Learning, Distributed System, Inferential Statistics

B.Sc. in Computer Science

Ho Chi Minh University of Science (HCMUS)

Sept 2011 – Sept 2015

Thesis: Transforming between source code and UML models.

STRENGTHS

Critical-thinking

Self-motivation

Innovation

Programming Languages: Python R

Matlab

Java

SQL

C++

Scala

Topics: Neural Networks Deep Learning

MapReduce

UML

Statistical Analysis

Platform & Libraries: iPython Hadoop

Docker

Kubernetes

Spark

Tableau

Pentaho

numpy

mlib

pandas

LANGUAGES

English



French



MOST PROUD OF



Ran a Marathon with only 2 months training



Red Cross Humanitarian work: Distributing medical aid and Raising awareness of health issues for Vietnamese ethnic minorities