DARREN TRAN
Big Data Engineer

ABOUT ME

I am a young, hard-working and ambitious graduate and am looking to use my problem-solving and technical skills to work in the Big Data field.

I play contract bridge and was the bridge club prefect, responsible for recruiting, teaching and organising events at sixth form and part of the bridge society at the University of Hong where I participated in the inter-hall competitions. I enjoy both the logic and teamwork aspects of playing bridge.

I am very interested in Asian culture, have travelled all over the Asian continent and furthered my interest by studying Japanese for several years.

In my free time I have completed the Codecademy courses on JavaScript which I greatly enjoyed, and have developed a rock paper scissors game with loops, switches and if/else statements.

CONTACT US

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A NEW FORCE IN TECHNOLOGY CONSULTING

OVERVIEW

I graduated from the University of Nottingham with a 2:1 degree in chemistry. My degree focused on the understanding of key concepts in chemistry and their real-life implications. Throughout my studies I completed several projects, including a year-long research project about the development of a novel synthesis method for mesoporous metal oxides at the University of Hong Kong. I was given the opportunity to use C to develop a program to read chemical values from a file and perform calculations. I solved quantum chemical calculations using Maple software in my Chemical Software and Programming module.
The opportunities to work with data during my research project and developing my technical skills during my degree inspired me to work within the Big Data industry.

WORK

BIG DATA ENGINEER – KUBRICK GROUP, LONDON
At Kubrick Group I gained experience and qualified in: Professional and Communication Skills, IOC (Investment Operations Certificate) Level 1, Advanced Excel, Web Application development (UI/UX, JavaScript, CSS and HTML), Agile and SQL.
I then specialised in the Big Data Engineering course leading to accreditation as a Cloudera CCA Developer.

October 2016 – present
I worked on Big Data projects which exercised my skills in data ingestion and processing using Hadoop EcoSystem tools such as Sqoop, Flume and OpenSource Python Libraries including Pandas and Twython. We cleansed and munged data after exploratory data analysis through Python libraries including Plotly and Pandas then moving onto Spark to process, transform, analyse and stage the data into HDFS.

Projects included:
MetOffice Weather Data: involving Python API and Twitter processing into HDFS followed by further processing in the Hadoop Ecosystem.
Police Crime Data Analysis involving SSIS processing, SQL Analysis, and presentation through custom web front end.

PHARMACY ASSISTANT – DAY LEWIS PHARMACY
January 2011 – June 2011

Worked within a small team at a community pharmacy to deliver efficient customer service.

EDUCATION

CHEMISTRY BSC (HONS), 2:1, University of Nottingham 2016

CHEMISTRY, University of Hong Kong 2014 – 2015
Year abroad at the University of Hong Kong

KEY SKILLS

Python Libraries (Anaconda):
PyMongo, Pandas, Numpy, scikit learn, Plotly and Twython
Cloudera Hadoop version 5.4:
HDFS, Yarn, Sqoop, Flume, Avro, Parquet, Impala, Hive and Hue

NoSQL:	**SQL:**
MongoDB. API with PyMongo	SSIS, Advanced T-SQL and Stored Procedures

Apache Spark:
RDD, DataFrames, SparkSQL, PySpark with some exposure to and understanding of Scala
Source Control and IDE:
Git, SourceTree and Git Extensions, PyCharm
Other Skills:
Linux CentOS 6, SSH, Putty, Agile, JSON and BSON, Python Pickle and Shelve