

OVERVIEW

Throughout my studies I developed a wide range of analytic and problem solving skills and gaining the necessary tools to approach complex problems with an open mind and confidence is something I take great pride in.

Having studied computational and coding modules during University, I found my hidden passion – Big Data. The rapid evolution of Big Data will allow me to put my skills into practice and provide me with new challenges and a new platform to build on to keep expanding and deepening my knowledge.

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.

August 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.

PENSIONS ADMINISTRATOR, JARDINE LLOYD THOMPSON (JLT) EMPLOYEE BENEFITS, LEATHERHEAD

July 2015 – October 2015

Responsibilities included: manually calculating retirement and transfer quotes for schemes such as Alstom and Merchant Navy Ratings Pensions Funds and providing advice and support over the phone and in letters. I successfully cleared the backlog and continued management of the email inbox for enquiries. I also received employee of the month awards on two occasions.

DATA ADMINISTRATOR/ ASSISTANT, JAKABEL LTD, WIMBLEDON

July 2012 – October 2013

Responsibilities included: managing company stock and customer data accounts, as well as updating the company website and accounts using Microsoft Excel and Sage, printing, packaging and delivering customer orders and collecting deliveries at the company warehouse. Majority of the work involved working alone, giving me a chance to show my independence and ability to solve problems on my own.

EDUCATION

SWANSEA UNIVERSITY, BSC MATHEMATICS: SECOND CLASS HONOURS, DIVISION ONE (2:1)

September 2012 – July 2016

Studied modules such as Functional Analysis (84%), Higher Algebra (79%), and Financial Mathematics (74%). Modules such as Computational Methods and Coding Theory involved developing and understanding the mathematical theory behind numerous numerical computer calculations and methods. My Third Year research project, titled "Black Holes", involved describing and explaining the history and mathematical theory behind Einstein's equations, from which implications that Black Holes exist within our Universe arise. Results gathered from research were analysed and presented through a mixture of LaTeX and Microsoft PowerPoint Software.

ADDITIONAL TECHNICAL SKILLS

Matlab, Mathematica, LaTeX

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:

MongoDB. API with PyMongo

SQL:

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



FELIX OPPENHEIMER

Big Data Engineer

ABOUT ME

I am a confident, curious, and hardworking individual who excels under pressure and within a team. I am ambitious and have a tremendous drive to succeed.

Current technological advancements have put Big Data at the foundation of society, and with global investment predicted to double over the next 3-5 years, I feel I am now in the best position to enter a field that will be fundamental to everyone's lives.

Data is a precious resource and precise analysis can revolutionise business and customer experience to create a better future.

The ability to look deep into and analyse consumer spending habits to predict future patterns is truly fascinating and exciting to me.

CONTACT US

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