

## OVERVIEW

I worked in the recruitment sector for three years before moving into Big Data. Having had an education based on Mathematics I wanted pursue a career that allows me to exercise my logical mind and challenge me daily. I bring with me great stakeholder management skills, the ability work methodically in a high pressured environment and am a creative thinker.

My initial interest in Big Data was sparked in early 2016, when my thoughts moved towards how to make the recruitment industry more efficient. After exploring the field online, I decided to leave the recruitment industry and started learning to code in Python.

I have various code samples available to be viewed on my GitHub which I created prior to joining Kubrick. Most are various exercises I have found online and from books.  
<https://github.com/hemesh-patel>

## 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.

### IT SEARCH CONSULTANT

#### Sep 2013 – March 2016 (full time)

Worked with technology companies to deliver their talent strategies, working in a high pressured environment. Focused on building strong business relationships with stakeholders. Presenting job opportunities to candidates.

Regularly advised clients' on the most efficient way to recruit, relieving a lot pain that hiring manager experienced in today's skills driven employment market. Managed the full recruitment lifecycle for clients.

Very well organised - managing multiple stakeholders at blue chip companies.

## EDUCATION

### CITY UNIVERSITY, BSC MATHEMATICAL SCIENCE WITH FINANCE AND ECONOMICS (2012)

### PYTHON FOR INFORMATICS

A 5 course specialisation by the University of Michigan on Coursera. Courses included:

- Programming for Everybody
- Python Data Structures
- Using Databases with Python
- Using Python to Access Web Data
- Capstone: Retrieving, Processing and Visualising Data with Python

## 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



**HEMESH PATEL**

Big Data Engineer

## ABOUT ME

I am a driven professional, with stakeholder management skills and the ability to work methodically in a high pressured environment and a vast interest in technology.

Having started to learn how to code in Python myself, I came to appreciate how important technology is in this new era of Data. I read many articles, news blogs and keep up to date with industry trends. In addition to the above, I have been building a web crawler.

Outside of my interest in technology, I dedicate my spare time improving my Taekwon-Do skills.

## CONTACT US

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