

Daniel Dixey

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Notice period:

2-4 Weeks

Preferred Analytics Skills:

Machine Learning, Data Mining, Neural Networking, Apache Spark, MongoDB, Python, Theano and Keras

SUMMARY OF QUALIFICATIONS & EXPERIENCE

- A proactive, curious and enthusiastic individual looking to utilise my skill set in a competitive and challenging environment in a Data focused role;
- Currently enrolled at City University studying towards a MSc in Data Science, where the intention is to become a Senior Data Scientist/Data Engineer within the next few years;
- I have a proven record of success when working individually as well as part of a team, delivering simultaneous projects and objects within tight deadlines;
- Successful in building strong, honest and on-going relationships with clients and colleagues at all levels of organisations;

EMPLOYMENT HISTORY

Professional Experience

June 2015 to Present

Data Scientist, Datagenic Group

- Primary focus since joining has been independently developing a News Analytics System in its entirety. This predominately includes the use of Sentiment Analysis, Named Entity Recognition, Web Scraping and Topic Classification.
- Machine Learning techniques are used throughout; the most notable accomplishment is the training of a CNN-RNN classifier for sentiment scoring. This was trained using AWS EC2 instances for efficiency and also extensive hyper-parameter optimisation.
- Work involves the use of MongoDB, Spark, SpaCy, Keras, Gensim and various other Natural Language Processing (NLP) modules in Python;
- The product and output of work will lead to improving the value of the DataGenic product offering and I also help to define the product development strategy going forward;
- Algorithms and services will be deployed before the end of Q12016 on Amazon AWS, utilising Lambda, SQS, Docker and DynamoDB services.

July 2013 to June 2015

Reporting Specialist, GlaxoSmithKline

- Creation of analytics using Tableau and Workday (reporting capability, data mining and identifying trends beyond remit) which support and improve HR decision-making at all-levels of management;
- Build HR's analytical capabilities through on-going support and training via TTT sessions;
- Provide an initial point of contact on Service Performance measurements for the global roll out of new HR cloud HR management solution - Workday;
- Working with in-market teams to resolve reporting issues and to build capability to promote the use of HR information across HR;
- Providing dedicated support to key cyclical events, including Merit, Bonus and Performance Reviews - Workday;
- Developed and manage two Global Qlikview dashboards – both provide an overview of metrics for a HR Case Management Tool and also an internal Knowledge Management website.

January 2008 to Present

Lance Corporal, Army Reservist (London Regiment)

- Receiving formal training in leadership, management and negotiation skills, with a particular focus on stressful situations;

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- Volunteered for two months for the London 2012 Olympic games as part of the venue security force as a team leader managing a team of eight people as well as advising G4S staff;
- Responsible for managing and implementing physical training classes within the regiment to varied abilities, ensuring that all exercise conducted is in accordance with Health and Safety regulations;
- Responsible for the managing, developing and implementation of group training of practical and theory lessons after gaining first management role;
- Often asked to step in during management absence, I am both confident and enjoy the extra responsibility;
- Notable achievements include Top Student on two army career courses and also a successful delivery of a physical assessment to 160 troops whilst on an annual camp.

September 2006 to July 2013

Leadworker, JD Leadwork

- A role as a Leadworker I was responsible for the production of weathering components for domestic and commercial buildings;
- Responsible for the maintenance of the SAGE software for payroll and accounting of the business.

Work Experience

June 2012

Sherborne Boys School, Operational Research Society

- Personally selected and sponsored as a representative of the University of Greenwich and the Operational Research Society to Research and produced a presentation on 'How Mathematics can be Applied to the Modelling of Transmittable Diseases in Society';

August 2006 to March 2012

Retail Experience

EDUCATION

September 2014– Present

City University London

MSc Data Science

Part-Time – Commitment equates to one-day per week

First Year Modules (Merit):

- Electives for the Final Term: Software Agents and Digital Signal Processing
 - Technical Awareness of; Mondrian, R, Apache Spark, Matlab and Tableau
- Regularly updated Github with projects and research that I find interesting – currently keen learn and utilise JavaScript for Visualisation.
 - **GitHub:** <https://goo.gl/szXei9> / <https://goo.gl/GbxpMd>

September 2010– June 2013

University of Greenwich

BSc (Hons) Mathematics

Grade: First Class Honours (Overall: 84%)

ADDITIONAL PERSONAL SKILLS AND QUALIFICATIONS

Technical Skills:

Competent with the use of the Programming Languages/ Tools:

Manipulation of Data:

Excel, Python, VBA, Spark, SQL and noSQL

Application of Statistical Methods:

R and Python

Business Intelligence Software:

Qlikview and Tableau

Army Qualifications:

Qualified and Trained as a Mortar MFC and CPO, Physical Training Instructor, Map Reading Instructor and I've also completed the Army Teaching Qualification (DITS Course).

Awards/Other Qualifications:

Notable Awards: Duke of Edinburgh's Bronze award, Full UK Driving License (incl. D1) and a (City & Guilds) Award in Door Supervision.