JAMES GAMMERMAN

🎓 EDUCATION

2018 | 2016

MSc, Machine Learning
Royal Holloway University 📍 London, UK

- Grade: Distinction
- Selected modules: Deep Learning, Tree-based methods, Regression, Unsupervised Learning, Natural language processing, Large-scale Data Analytics (Big Data)
- Thesis: Predictive Maintenance with Conformal and Probabilistic Prediction - A Commercial Case Study. Won best thesis award.

2013 | 2009

MSci, Chemistry
Imperial College 📍 London, UK

- Grade: 2:1
- Masters project in computational chemical physics: Heat Transfer in Ionic Liquids

💼 PROFESSIONAL EXPERIENCE

Current | 2017

Data Scientist
Centrica 📍 London, UK

- Responsible for data exploration and cleaning, feature engineering, modelling and reporting/deployment
- Participated in several value-adding projects related to predictive maintenance, revenue forecasting and safety incidents
- Gained experience with modern ML frameworks such as Tensorflow and Apache Spark and cloud architectures such as AWS and Microsoft Azure
- Also responsible for some employee training and recruitment (see below)

2017 | 2013

Business Analyst
ExxonMobil 📍 London, UK

- Numerous analytical tasks relating to European gas and power markets

📖 ACADEMIC PUBLICATIONS

2020

Journal article: Multi-level conformal clustering: A distribution-free technique for clustering and anomaly detection[1]
Neurocomputing, Volume 397, 2020, pp. 279-291

- Introduces a novel clustering technique which also incorporates anomaly detection

2019

Poster abstract: Conformal Anomaly Detection based on Association Rules[2]
Proceedings of Machine Learning Research, Volume 105, 2019, pp.246-7

- Introduces a novel machine learning technique for database cleaning

🖥 TALKS AND TEACHING

Current | 2018

Training: Business Analytics in R – An Introduction to Statistical Programming
Centrica 📍 Various Locations

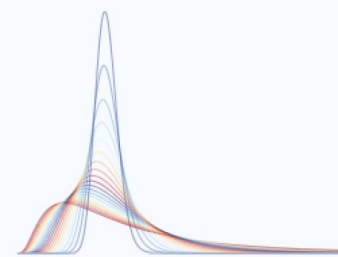- I have presented this workshop several times to company employees across the UK.

2018

Talk: Machine Learning: Progress & Prospects[3]
Odessa (Mechnikov) University 📍 Odessa, Ukraine

- Guest lecture at Data Science meetup

View this resume online with links at jamesgammerman.com/resume.pdf
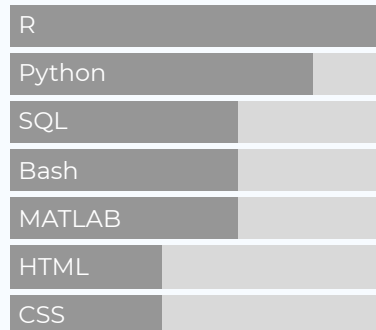
CONTACT

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- github.com/jgammerman
- 🐦 jamesgammerman
- in linkedin.com/in/jamesgammerman

LANGUAGE SKILLS

| R |
| Python |
| SQL |
| Bash |
| MATLAB |
| HTML |
| CSS |

MORE INFO

See full CV at jamesgammerman.com/cv.pdf for a more detailed version of this resume.