

PETER EVANS

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35 Kingfisher Road, Buckingham, United Kingdom, MK18 7EX.

PROFILE

Recent MSci Physics graduate currently studying for an MSc in Applied Data Science, graduating December 2021.

Proficient in Python and using its ML-relevant libraries to clean and analyse data before building regression, classification, and clustering models.

Current Masters project centred on dating app profile segmentation, investigating if natural language processing of user bios can provide an improvement in performance to that achieved with only structured data.

EDUCATION

University of Buckingham MSc in Applied Data Science, predicted Distinction.	2021 -
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University of Bristol MSci in Physics with First-Class Honours.	2015 - 2019
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Royal Latin School AAB in Physics, Mathematics and Chemistry A Levels respectively. 7 A*s, 3 As and 1 B achieved at GCSE level.	2008 - 2015
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TtMadrid TEFL (Teaching English as a Foreign Language) certificate accredited by IATQuO.	2019
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TECHNICAL EXPERIENCE

During my undergraduate degree I completed projects that developed technical skills relevant to the data science field;

- Multiple modules focused on designing and building Python simulations of physical models using tools such as NumPy and SciPy for scientific computation, and Cython to parallelise code for use on the university's supercomputers.
- Third year lab project utilising C++ object-oriented programming in combination with CERN's data analysis framework, ROOT, to analyse raw data from a radiation sensor.
- Final year project centred on data analysis using Python (with Matplotlib and NumPy), combined with bash scripting to run programs on distributed clusters.

Now, during my current course I am learning techniques specific to the industry;

- Frequent use of Pandas to perform data cleaning and analysis.
- Machine learning algorithms studied and implemented with Scikit-learn including KNN, Decision Trees, Random Forest, K-Means and Agglomeration clustering etc.
- Study of ML-specific mathematics such as statistics (including inferential and descriptive, statistical significance, confidence intervals and hypothesis testing), linear algebra, matrices and PCA.
- Construction of detailed dashboards both in Tableau and Plotly's Dash.
- Side projects undertaken with use of more advanced Python libraries including spaCy for NLP, TensorFlow for image classification with neural networks, and PySpark for big data analysis.

POSITION OF RESPONSIBILITY

Manager

InHouse Media

March 2017 - June 2018

- Co-managed the running of a student-led video production company focused on creating promotional videos for a variety of clients.
- Took charge of production on multiple projects which involved contacting the crew to assemble a team, assigning them roles according to their experience, and ensuring the availability of the necessary equipment.
- Provided experience of liaising with a client - determining their requirements for a project and making sure that they were satisfied with the final result.

EMPLOYMENT AND WORK EXPERIENCE

Warehouse Operative

Pertemps

September 2020 - December 2020

- Temporary work to be able to self-fund current MSc.

English as a Foreign Language Teacher

American Language Academy

October 2019 - March 2020

- Year abroad working as a teacher allowed me to develop many soft skills, especially with regards to communication and leadership.
- Taught classes to adults both in the informal environment of evening classes and more professional in-business courses. This required a high degree of organisation at all times along with a personable approach.

Agency Worker

Newstaff Recruitment

June 2019 - September 2019

- Varied duties in hospitality, mainly waitering and bartending.
- Greatly increased ability to keep calm when working in fast-paced environments.

Technical Intern

GCHQ

July 2018 - September 2018

- Cyber Security Summer School, studying the intelligence community and various technologies of the cyber field.

Finance Writer

ScS Milton Keynes

July 2017 - September 2017

- Completed loan applications for prospective clients.

ADDITIONAL INFORMATION & HOBBIES

- Languages - During a year abroad I improved my level of Spanish from zero to upper-intermediate (B2). Now that I have returned I continue to remain engaged with the language, consuming content everyday and studying regularly.
- Running and Hiking - Completed the Bath Half Marathon in 2018 and regularly go on day trips to mountains or national parks whenever possible.
- Full UK driving licence held since 2014.

REFERENCES

References available upon request.