Matthew **Nunes**

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Education

University of Warwick   *Coventry, U.K.*

BSc. (Hons.) MORSE (Mathematics Operational Research Statistics and Economics)   *Oct. 2015 - 2018*

- Final Year: predicted 2:1

St. Paul's School (Barnes)   *London, U.K, SW13 9JT*

GCSE and A Levels   *Aug. 2010 - June 2015*

- IGCSE: 7A*'s, 4A including Mathematics, English and Triple Science
- AS: 5As Mathematics, Further Mathematics, Chemistry, Physics and Economics
- A2: Mathematics (A*), Further Mathematics (A), Chemistry (A), Physics (A)

Experience

NHS GP Surgery   *London*

Administrator   *August 2015 & April 2017*

- Providing administration assistance for both doctors and patients.
- Full-time during school and university holidays, summing to 3 months total employment.

AXA UK   *London Office*

Capital Intern   *August 2016*

- Based in Capital Modeling team, looking at catastrophe models in P&C risk.
- Looked at the feasibility of web-based tools in analyzing risk exposure on a macro level.
- Insight into other areas: pricing - motor, commercial shops; second line personal and commercial pricing; reserving - travel, both direct and intermediary; risk management - financial, operational and enterprise risk; reinsurance; HR.

Gap360   *Fort Kochi, Kerala, India*

Teaching volunteer   *August 2017*

- 2 weeks teaching English to 3 — 5 year old children, and 6-8 year olds with learning disabilities.

Skills

Programming	Python, R, LaTeX, MATLAB, SQL(beginner)
Libraries	NumPy, Keras, Pandas, Scikit-learn
Languages	French(conversational), German (basic)

Projects

General Election 2015-17 Data Analysis

                                                                                          Oct - Dec. 2017

- University project alongside 3 other colleagues where we analysed the change in voting between the general elections of 2015 and 2017, and examined if there was any significance of a number of demographic variables and the voting statistics on the EU referendum.
- We created a 6-page report of our findings in RMarkdown and a presentation .

Kaggle Toxic comment Classification Challenge

HTTPS://WWW.KAGGLE.COM/C/JIGSAW-TOXIC-COMMENT-CLASSIFICATION-CHALLENGE   *March 2018*

- Tasked to build a model to detect different types of toxicity abusive comments.
- I used a variety of NLP word processing such as bagofwords, Word2Vec and GloVe and formed a variety of different models, such as SVM, Naïve Bayes, and a Recurrent Neural Network using both R and Python.
- My result was a blend between multiple models and I came 1241st/4551 participants.

Interests & Achievements

Music	Violin Grade 8 ABRSM, Piano Grade 8 ABRSM, Violin 1 for University of Warwick Symphony Orchestra
Sport	Hockey GK at Teddington HC and Warwick University 1stXI, BSAC Ocean diver (scuba-diving qualification)
Other	Freeman of the City of London – Guildsman of the Guild of Mercers Scholars