

Matthew Nunes

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Education

University of Warwick

BSc. (HONS.) MORSE (MATHEMATICS OPERATIONAL RESEARCH STATISTICS AND ECONOMICS)

- Final Year: predicted 2:1

Coventry, U.K.

Oct. 2015 - 2018

St. Paul's School (Barnes)

GCSE AND A LEVELS

- 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)

London, U.K, SW13 9JT

Aug. 2010 - June 2015

Experience

NHS GP Surgery

ADMINISTRATOR

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

London

August 2015 & April 2017

AXA UK

CAPITAL INTERN

- 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.

London Office

August 2016

Gap360

TEACHING VOLUNTEER

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

Fort Kochi, Kerala, India

August 2017

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

- University project alongside 3 other colleagues over 7 week period.
- 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.
- A concise project plan was created with objectives and potential pitfalls.
- We created a 6-page report of our findings in RMarkdown and a presentation.

Oct - Dec. 2017

Kaggle Toxic comment Classification Challenge

[HTTPS://WWW.KAGGLE.COM/C/JIGSAW-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