

JOHN SNOW

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EDUCATION

- 2018 - 2019 MSc in COMPUTING SCIENCE, **University of Oxford**
Merit
Modules include: Introduction to Machine Learning (99.37%), Software Engineering (66.26%), Software Engineering Practice and Group Project (63.5%), Computer Systems (77.15%)
Distinguished Individual Project (89%): "Machine Learning For Healthcare - A Really Interesting Thesis" - NLP project involving dataset preparation, exploratory data analysis, multi-view NLP model design and predictions using Feedforward Neural Networks, SVM, Gradient Boosting and Auto-sklearn
- 2015 - 2018 BSc in FINANCIAL ECONOMICS with ECONOMETRICS, **University of Surrey**
First Class Honours
Modules include: Economics Dissertation (77%), Economics of Finance 1 (80%), Economics of Finance 2 (91%), Introduction to Econometrics (72%), Econometrics 2: Topics in Time Series (66%)
- 2012 - 2015 INTERNATIONAL BACCALAUREATE, **Abraham Lincoln's College**, London
45/45
Subjects include: English HL (7), Geography HL (7), Biology HL (7), Mathematics SL (7) Art SL (7), Chemistry SL (7)

RELEVANT EXPERIENCE

- SEP 2019-NOW "Learn SQL Basics for Data Science" at **University of California**, *online*
•Used SQL commands to filter, sort, & summarize data
•Created an end-to-end pipeline that reads data, transforms it, and saves the result
•Learnt how to work with distributed applications - worked with Spark architecture and Spark DataFrames,
•Built Jupyter Notebook reports for investors
•Automatically recalculated of the reports in Python, Docker and Airflow
•Applied the knowledge to the final Capstone project
- SUMMER 2018 Building own projects at **Github**, *portfolio link*
•Created a Spotify ETL job and scheduled it in Airflow
•Performed exploratory data analysis on a personality dataset using Python and SQL
•Developed a Tic Tac Toe game in Python Dash
•Created and structured a new dataset from webscraped cinema booking website
- SEPT 2013 Volunteer at **Town Twinning Project**, Budapest-Csepel, Hungary
•Evaluated possible options to develop environmentally sustainable solution for the Little Danube Bay area
•Applied agile development practices working in a multi-disciplinary team

SKILLS

- LANGUAGES English (native), Spanish (fluent)
- PROGRAMMING Python, SQL, Bash (proficient), Docker, Jenkins, Airflow
- DATA SCIENCE pandas, numpy, sklearn, PyTorch, NLP (fastText, BERT)