

Marco Edward Gorelli

Education

- 2016-2017** **MRes, Mathematics of Planet Earth**; Imperial College London & University of Reading; *Distinction*
- 2015-2016** **MSc, Mathematics and Foundations of Computer Science**; University of Oxford; 67.6
- 2011-2015** **BSc, Mathematics with Professional Practice**; Brunel University London; *First Class Honours*

Experience

Data Scientist at Samsung R&D Institute UK; Nov18 - now

Improved accuracy of forecasts with better modelling, better feature engineering, and better feature selection. Set up continuous integration pipeline, wrote full suite of unit tests and automated documentation. Debugged Python and C++ code, allowing for Python ML model to be reliably deployed to wearable. Gave multiple presentations at internal machine learning reading group.

Data Scientist at Sedex; Jun18 - Nov18

Data Scientist at Sensium; Jan18 - May18

Risk Analyst Intern at General Electric Capital International; Jun13 - Jun14;

Open source

- pandas** Added `DataFrame.to_markdown` (#30350) and other enhancements
- Fixed bugs in `groupby.apply` (#31456), `DataFrame.explode` (#28010), `pandas.Categorical` (#28300, #32079, #27932), and more
- Triaged issues and reviewed pull requests, helping foster/mentor the community

Awards

- Passed “Advanced Software Engineering Test (C++)” at Samsung (£500 reward)
- During BSc: Foster Award for “exceptional mathematical ability”, Level2 Award for highest grades

Coursera

- Applied Data Science with Python Specialization (5 courses)
- Deep Learning Specialization (5 courses)

Kaggle

- 2019 Data Science Bowl: top 11% (time series, tabular data)
- Google QUEST Q&A Labeling: top 13% (NLP)