

# FELIX JACKSON

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## Education

- 2016 – 2017 **MSci Systems Biology**, *University of Cambridge*, 1 (predicted).  
Modules taken – Data Handling and Analysis, Modelling and Analysis of Networks, Scientific Computing, Synthetic and Executable Biology.  
Masters thesis – Adapting a variant calling algorithm to the non-coding regions of the human genome. I am building a new variant caller in Python, and running all scripts on a cloud-based platform by wrapping using Docker.
- 2013 – 2016 **BA (Hons) Natural Sciences**, *University of Cambridge*, 2.i (67%).  
Modules taken – Maths, Chemistry, Materials Science, Cell and Developmental Biology, Plant and Microbial Sciences, Biochemistry
- 2006 – 2013 **Secondary Education**, *Ysgol Friars*.  
A-Level Maths – A\*, Physics – A\*, Chemistry – A\*, & Biology – A  
AS-Level Music – A  
GCSE 9 A\*s, 2 A

## Experience

- Summer 2016 **Research Scholar**, *SENS Research Foundation*.  
Devised a machine learning algorithm that could predict the ultimate outcome of early-stage drug candidates with an 80% success rate. Presented my work at the Rejuvenation Biotechnology conference in San Francisco.
- Summer 2015 **Computational Research Intern**, *Institute of Cancer Research*.  
Created a data analysis pipeline for high-throughput cancer cell morphology data. Used Matlab to implement dimensionality reduction, clustering and other unsupervised learning algorithms on large datasets.
- 2013 – Present **A-level Tutor**, *IvyRussell Tutor*.  
Tutored several A-level students, primarily teaching Maths, Physics and Biology.
- 2016 – Present **Science Writer**, *BlueSci*.  
Honed my writing skills by writing feature-length articles for BlueSci, Cambridge's oldest science magazine.

## Skills & Interests

- Grade 8 Saxophone (Dist.)
- Band leader of jazz quintet
- French, Welsh and Spanish
- Python, Matlab and R
- College Squash captain
- Rugby and Rowing
- Kitesurfing
- Yacht Crewing