# 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 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
- Mountain Biking