

Rob Willison  
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## EXPERIENCE

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AUGUST 2017 -

CURRENT Web Developer

*CiteAb, Bath, UK*

Ruby on Rails developer working in a team of 3 on CiteAb's search engine and text mining systems.

Migrated search engine from Apache Solr to an Elasticsearch service running on a AWS EC2 instance.

Research and implementation of a machine learning system to improve the efficiency of human reviewing using Python, Tensorflow and AWS Lambda.

OCTOBER 2016 -

JUNE 2017 Final Year Project Student

*CiteAb, Bath, UK*

Final year project with the aim to develop a machine learning application capable of recognising institution names in research papers with greater accuracy than CiteAb's current system. The project is written in Python using a MySQL database.

JULY 2015 -

JULY 2016 3<sup>rd</sup> Year Placement Student

*Mayden Limited, Bath, UK*

Working as a PHP and Javascript developer adding features and providing 3<sup>rd</sup> line support for the UK's leading patient management software for psychological therapies.

## EDUCATION

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SEPT 2013 -

JUNE 2017 BSc Computer Science, First Class with Honours  
**University of Bath, Bath, UK**

SEPT 2011 -

JULY 2013 A/AS - Levels  
**Didcot Sixth Form College, Didcot, UK**  
A Level Computing - A\*

SEPT 2010 -

JULY 2011 GCSE **St Birinus School, Didcot, UK**  
9 GCSE passes at grade C or better, including Mathematics & English

## AWARDS AND ACHIEVEMENTS

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FEB 2016    Certified PHP Engineer, Zend Technologies  
OCT 2015    Certified Scrum Master, Scrum Alliance  
AUG 2013    Netcraft AQA A-level Computing Award, Awarded to Top 50 UK students

## EXTRACURRICULAR ACTIVITY

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SEPT 2016 -

JUNE 2017    Chair, University of Bath Canoe Club

Responsible for the overall running of the university canoe club including financial control, administration and organising the annual fortnight abroad.

JULY 2014 -

JULY 2016    Webmaster, University of Bath Canoe Club

Responsible for maintaining and developing the canoe club's website