

Rob Willison

Bath, Somerset

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EXPERIENCE

MARCH 2020 -

CURRENT Senior Software Developer

CiteAb, Bath, UK

Ruby on Rails and Python developing text mining and NLP systems.

Designed and built a NLP based system to reduce the need for human review tools.

AUGUST 2017 -

MARCH 2020 Web Developer

CiteAb, Bath, UK

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

Designed and built a set of API's for client data provision. 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, Keras, SpaCy 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 3rd Year Placement Student

Mayden Limited, Bath, UK

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

EDUCATION

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

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

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