

William Mathewson

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Work & Experience

- Jun – Jul 2019 Full Stack Engineer at Edjo Ltd
Built an admin portal using React.js and the Falcon web framework for creating new ERC20 tokens on the Ethereum blockchain.
<https://edjo.io>
- Aug 2018 – May 2019 Lead Software Engineer at ThisThat Ltd
Led all engineering activities. This involved learning Swift & iOS development to lead iOS development; managing the Firebase service; designing and building a green-field Python REST backend service written using the Falcon web framework. Learned many new skills such as SEO; reactive Firebase Functions using TypeScript; NoSQL databases in the form of both Cloud Firestore & Firestore Real-Time Database; setting up deployment strategies for GCP and Kubernetes.
<https://www.thisthatapp.com>
- Feb 2016 – Jun 2018 Student Developer at Sumdog Ltd
During university, worked as part of the team that maintained the Ruby on Rails backend and admin portal. Built a green-field Rails app to run SQL queries against multiple servers and tabulate the returned data.
<https://www.sumdog.com/>
- Jun – Jul 2015 Ruby on Rails Developer at Cake Technologies
Worked in the backend development team, maintaining the Ruby on Rails backend API during my university summer holiday.
<http://www.thecakeapp.com/>
- Jan – Jul 2014 Ruby on Rails Developer at Wordeo Ltd
Worked in the backend development team, maintaining the Ruby on Rails backend API. Added functionality to Sinatra-based tools. Wrote Ruby scripts to help the marketing department promote the product.
- Nov 2013 – Jan 2014 Technical Intern at Wordeo Ltd
Tagged clips in a large video library. Logged & triaged incoming errors while tracking down their root causes.
- October 2013 Intern at Wordeo Ltd
Worked on tagging clips in a large video library.
<http://wordeo.com/>

Sept 2015 – May 2016 CompSoc Vice-President (Edinburgh University Computing Society)
This position involved organising monthly tech talks which involved contacting companies and individuals to come and talk to members about how/what they do.
<http://comp-soc.com/>

Sept 2015 – May 2018 Officer Cadet in the Edinburgh Universities' Royal Naval Unit

Relevant Skills

PROGRAMMING LANGUAGES AND FRAMEWORKS

Ruby & Ruby on Rails, Python with Falcon & Flask, TypeScript, JavaScript, HTML5 & CSS3, Swift & iOS

Confident. Day-to-day use.

Java, C, Scala, Haskell, Elixir

Quite competent. Several used for multiple coursework assignments.

DEVELOPMENT TOOLS

PostgreSQL, Firebase, NoSQL, Docker, Kubernetes, Git, GitHub

Very competent.

Education

2014–2018 2:1, BSc (Hons) Computer Science, University of Edinburgh

2008–2013 Eton College (A Levels, GCSEs)