

# 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 and iOS to lead iOS app development;
  - Managing the Firebase service;
  - Designing and building a green-field Python REST backend service, written using the Falcon web framework;
  - Learning many new skills such as SEO, NoSQL databases and 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 and 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>

## Relevant Skills

### PROGRAMMING LANGUAGES AND FRAMEWORKS

- Python with Falcon and Flask
- Ruby and Ruby on Rails
- TypeScript and JavaScript
- Swift and iOS

*Quite competent. Several used for multiple coursework assignments.*

- Java
- C
- Scala
- Haskell
- Elixir

### DEVELOPMENT TOOLS

*Very competent.*

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

## Leadership Experience

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.*

<https://comp-soc.com>

Sept 2015 –  
May 2018

Officer Cadet in the Edinburgh Universities' Royal Naval Unit

## Education

2014–2018

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