Rob **Savell**

SOFTWARE ENGINEER

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Experience

Angry Tapir Ltd *UK*
FOUNDER AND DIRECTOR *Sept 2016 - Present*

- Engaged to design, develop and launch **EUStormMap**, a single-page web app supported by a Node.js backend. The application maps lightning data and tweeted weather reports in real-time, with paid subscriptions to access additional data and receive SMS alerts.
- Built **MyFuelCheck**, an Android application applying computer vision and OCR techniques to crowd-source up-to-date fuel prices in the New Zealand market, for an external client.
- Contracted by an early-stage startup to develop the Vue.js front end an A.I. powered cloud hub for managing, interrogating and sharing legal documents within small businesses.
- Designed and implemented technical analysis tools and automated trading algorithms for cryptocurrency markets for an external client.
- Engaged at short notice to design and develop an offline proof-of-concept traffic mapping web application for an EU-sponsored innovation and design contest, leading to my client winning the competition and securing a large public service contract.

Giraffe.co.uk and Woodlands.co.uk *London, UK*
INDEPENDENT CONTRACTOR *Sept 2012 - Dec 2012*

- Web development with Django (Python) and the LAMP stack (PHP).
- Developed internal tools in Python and Javascript to streamline day-to-day tasks within the companies.
- Conducted data analysis to support the management and sales of a large domain name portfolio.

Technical Skills

I am keen to adopt new languages and tools, having done so quickly for several projects in the past, but I have particular prior experience with the following technologies:

Languages Java, Python, C/C++
Platforms Android, Web (HTML5, CSS3, Javascript, Django, Node.js), Ethereum (Solidity, Web3.js)
Other OpenGL, OpenCV, Git, LaTeX

Education

University of Cambridge *Cambridge, UK*
BA HONS COMPUTER SCIENCE: II.i *2013 - 2016*

- Final-year project involved developing a novel tangible interface in Java using computer vision techniques, resulting in a first-class dissertation.
- Specialised modules included:
  - Natural Language Processing
  - Computer Vision
  - Image Processing
  - Computer Graphics
  - Systems Modelling
  - Bioinformatics
  - Concurrent Systems
  - Information Retrieval
  - Machine Learning

Alleyn's School *London, UK*
FOUNDATION SCHOLAR *2005 - 2012*

A Levels Maths – A*   Further Maths – A*   Physics – A*   Computing – A* (Top 50 nationally)
iGCSEs 10 A* grades.

ROB SAVELL · CURRICULUM VITAE