

Alex Langdon

Email – a.langdon.mail@gmail.com

Website – <http://alexlangdon.github.io>

OVERVIEW

- ▶ MEng Computer Science graduate with 1st class Honours.
- ▶ Programming knowledge using object oriented languages including Java.
- ▶ Currently engaged in front-end web development.
- ▶ Experience with collaborative version control using Git.
- ▶ Professional Android app design experience.
- ▶ Familiarity with Linux/UNIX-like distributions.
- ▶ Experience as project manager and Agile developer.
- ▶ Dedication, resourcefulness, responsibility and attention to detail.
- ▶ Fluent Russian speaker.

EDUCATION

Warwick University, Computer Science (MEng)

October 2013 – July 2017

Degree Class - 1st. - Including:

- ▶ **Software Engineering (JavaScript, JQuery, HTML, CSS) –**

A group project to develop an online trading collusion analyser for Deutsche Bank. The working solution builds an interactive trader relationship network from multiple live data streams. The system featured a stock volume analysis tool as well as a modular user interface.

- ▶ **Web Development Technologies (JavaScript, HTML, CSS, PHP, SQL) –**

Implemented a functioning multi-user web service for recording invoices. The final product included a clear, intuitive user interface with email notifications. Secure data input, storage and retrieval were also involved to protect from potential intrusion.

- ▶ **Masters Group Project (Python) –**

Developed and managed a Masters Thesis group project to create a neural network for learning and generating believable musical melodies. The model was built in Python with Deep Learning libraries, along with AWS cloud computing for accelerated model training.

Sixth Form - Forest School – *Winnersh, Berkshire*

September 2006 – June 2013

A Level: Mathematics – **A***, Further Mathematics – **A**, IT – **A**

WORK AND PROJECT EXPERIENCE

Treasury Risk Management Web Developer Intern

Bloomberg L.P., London. June 2016 – September 2016

Built search suggestion functionality for the Treasury Risk Management web service:

- ▶ Responsible for the entire project lifecycle including research, technology choice, implementation, delivery and documentation.
- ▶ Communicated across development, business and user experience teams to ensure the project met client needs.

Mobile Developer Intern

Bloomberg L.P., London. June 2015 – September 2015

Developer for the Bloomberg Professional Radio Player on Android:

- ▶ Responsible for debugging and optimising to ensure the application met development standards.
- ▶ Collaborating with other developers to extend the Bloomberg code libraries with reusable audio player components.
- ▶ Preparing and delivering demonstrations to management and developer teams.

Co-Developer – ICT Interactive Revision Guide

The Forest School, Winnersh. June 2013 – July 2013

- ▶ Developed a revision guide to supplement the GCSE ICT curriculum at the Forest School.
- ▶ Created revision content that matches the quality requirements of the course as well as the end users and client teachers.

PERSONAL INTERESTS

Web Development

- ▶ Interested in web development using Typescript frameworks such as Angular.
- ▶ Applied these skills to participate in the Warwick Incubator and create an online music streaming platform.

Karate

- ▶ Achieved 1st Dan Black Belt aged 15.
- ▶ Regularly helped in demonstrations and training of lower grade pupils.

Art/Music

- ▶ Interested in digital landscape design and concept art.
- ▶ Enjoy playing the guitar.

References available on request