

# Josh Mills

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## Experience

### The Day News & Media

LONDON, UNITED KINGDOM

#### Full Stack Developer

July 2018 – Present

The Day had a legacy bespoke static site generator; my work revolved around replacing this system gradually. I worked as part of a small team and was for the most part the sole developer. I had chance to improve my technical skills by working in a test driven development environment, and to learn to how to manage both the technical and non-technical needs of a long-term project effectively.

**Stack:** Rails, Git, Svelte, Sass, Elasticsearch, AWS, Docker, Redis, Postgres

### Nublu

LANCASTER, UNITED KINGDOM

#### PHP Developer

Oct 2015 – Jan 2018

At Nublu I worked as part of a web development agency on a number of projects. I was the lead back-end developer on a CakePHP new build and worked closely with the client during the build.

**Stack:** PHP, Magento, CakePHP, Laravel, Git, MySQL

### Lancashire Local Resilience Forum

LANCASTER, UNITED KINGDOM

#### Developer (University Placement)

Jan 2018 – July 2018

I worked with the LLRF both as part of a placement term and as the basis for my masters dissertation. They have a VoIP system that allows them to communicate between a skype-like interface and a radio handset. My work included building a prototype small form factor gateway and a prototype distributed system using a DHT to replace their conventional server.

**Stack:** C++, OpenDHT, Raspberry Pi, radio equipment

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## Projects

### University Orientation App (XPlore)

Nov 2017 - Dec 2017

For one of my university modules I developed an Android app with a group of other students. The goal was to encourage new students to explore the campus and learn some of its history.

**Stack:** Javascript, React Native

### Dana Web Interface

Sept 2016 - July 2017

During my degree dissertation I worked with a experimental self-emergent programming language called Dana. I worked to build a web app that would wrap an arbitrary Dana program in a user-friendly interface, enabling the user to edit its structure and function during runtime.

**Stack:** Dana, Vue.js, TypeScript, Sass

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## Skills and interests

**Workplace Skills:** Enthusiastic and humble attitude to peer programming and code reviews. Experienced with working closely with non-technical members of the team and with clients. Happy to work in a agile development environment. Comfortable with adapting to new technologies and problem domains in order to become a productive member of the team quickly.

**Interests:** Reading, history, languages, linux, free software, privacy, games (board and video) and travelling.

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## Education

### Lancaster University

LANCASTER, UNITED KINGDOM

#### MSci Hons Computer Science

2014 – 2018

I graduated with a computer science integrated masters with a 2.1. I particularly enjoyed the modules on embedded systems, operating systems and distributed systems. As is common among university courses, we mostly programmed in either C or Java.

### Winstanley College

WIGAN, UNITED KINGDOM

#### A Levels: Maths, Further Maths, Computing

2012 – 2014

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## References

Available upon request.