

Alexander J Mills

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Experience

Nublu

LANCASTER, UNITED KINGDOM

Freelance PHP Developer

Dec 2017 – present

PHP Developer

Nov 2015 – Dec 2017

Nublu is primarily a Magento (1&2) house and the first year or so was spent as a Magento developer. After a while however I took on a new client as the sole back-end developer, requiring me to develop most of the back-end functionality as well as be one of the core participants in frequent meetings with client lasting up to a full 7 hour day. This was a fairly large CakePHP project and from then on I primarily worked in CakePHP and Laravel. Throughout my time at Nublu I worked with MySQL or similar variants.

University Placement

LANCASTER, UNITED KINGDOM

C++ Developer

Jan 2018 – June 2018

My masters at Lancaster University included industry experience, my placement was to continue development on a radio and VoIP software and hardware solution. This required my to develop my skills with hardware (including radio equipment), C++, Qt and socket networking. I am continuing to work with the company to develop this software for my masters dissertation.

Projects & Contributions

University Orientation App (XPlore)

For one of my university modules I developed a mobile app with React Native with a group of other students. This app aimed at encouraging new students to explore the campus and learn some of it's history.

Dana Web Interface

During my degree dissertation I worked with a experimental self-emergent programming language called Dana. Using Dana I worked to build a web interface that would provide a user friendly interface to dynamically edit the structure and function of an arbitrary program during runtime. For this project I used Dana, Vue.js, TypeScript, and Sass.

Skills & Training

Technical Skills: Very familiar with full stack web development, with a focus on back-end work. Very comfortable with working in both Windows and Linux as well as developing on embedded devices. Experienced with: C, Java, PHP, Magento, CakePHP, Laravel, C++, JavaScript, TypeScript, Sass, Vue.js, React, React Native, Node.js, MySQL, Python.

Workplace Skills: Very comfortable working as both a member of a team and individually. Humble attitude to code reviews and constructive criticism. Very experienced working with non-technical clients. Have worked in an Agile development environment and try to implement agile into my personal workflow.

Education

Lancaster University

LANCASTER, UNITED KINGDOM

MSci Hons Computer Science (expected: 2.1/1st)

2014 – 2018

My masters is focusing on software development and has given me the opportunity to work with a number of fields such as systems/web development, hardware and self-emergent software systems. Not only has my integrated masters course as allowed me to develop both my technical and architecture design skills with a wide variety of technologies, it provided me the opportunity to get some industry experience.

Winstanley College

WIGAN, UNITED KINGDOM

A Levels: Maths, Further Maths, Computing (A, A, B)

2012 – 2014

Interests

In alphabetical order: computer hardware, cryptography, education, games (board and video), history, languages, linux, open-sourcing, privacy, programming, reading, software design, travel and world culture.