WILLIAM MAYOR

FULL-STACK WEB ENGINEER, SYSTEMS ADMINISTRATOR

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Technical

Python	HTML / CSS / Javascript	Git
PostgreSQL / MySQL	Knockout.js / jQuery / Underscore.js	SASS / Bourbon / Neat
LaTeX	OS X / Linux	Heroku

Profile

I'm a code monkey at heart; I love building solutions. I am a usability enthusiast, lots of my work at Diversity and Ability focusses around making software and the web accessible and usable. I also enjoy exploring and playing with data. My MRes and MPhil research looked at distributed, peer-to-peer networks with millions of nodes, exploring that data space was a fantastic challenge. In my spare time I like to code, I also enjoy wood turning, cooking, and the occasional video game.

Experience

UCL Media Institute *2014*
Software Engineer

I built a cross-collection, concept-based search engine for media assets. The beta version can be accessed here: median.herokuapp.com.

Diversity and Ability *2009 to present*
Systems Administrator, Web Developer

I setup, run, and maintain the Google Apps for Business provision for Diversity and Ability. I also work as their sole web developer; rebuilding their entire web ecosystem.

Freelance *2009 to present*
Software Engineer, Web Developer

I have built many websites and software projects. Details of some can be found on my GitHub page.

MRes Dissertation *2012*
Researcher

I worked on improving the reliability of the BitTorrent protocol by fully decentralising the peer discovery mechanisms. Paper published in IEEE P2P2013.

BSc Dissertation *2011*
Software Engineer

I built a collaborative, real-time, cloud-based IDE using Google Wave technology.

Education

MPhil Crime and Security Science *2012 to present*
University College London, UK

MRes Crime and Security Science *2011 to 2012*
University College London, UK

BSc Computer Science *2008 to 2011*
University College London, UK

References

Ingemar Cox *Director of Research*
Computer Science Department, University College London

Atif Choudhury *CEO*
Diversity and Ability

For privacy reasons, contact details are available on request. Public profiles are available: Ingemar, Atif