

WILLIAM MAYOR

FULL-STACK WEB ENGINEER, SYSTEMS ADMINISTRATOR

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Technical

Python	HTML / CSS / Javascript	Git
PostgreSQL / MySQL	Knockout.js / Underscore.js / SASS	TDD / Selenium
OS X / Linux	Heroku / AWS	Docker / Vagrant

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 think coding is fun and rewarding and that more people should do it. I work with an educational trust to deliver programming courses to 16-18 year-olds. In my spare time I like to code, I also enjoy wood turning, cooking, and the occasional video game.

Experience

BAFTA <i>2014 to present</i> Software Engineer	I help build and grow BAFTA's commercial offerings. This includes digital media distribution platforms, awards services, and copyright tools.
The Media Institute <i>2014 to 2015</i> Software Engineer	I worked on several Innovate UK projects looking to expand the cutting edge of digital tools in the media industry. I also helped to build, run, and analyse several large-scale Amazon Mechanical Turk user studies.
Diversity and Ability <i>2009 to present</i> Associate Director, Head of IT	I setup, run, and maintain the internal IT provision for Diversity and Ability. I also work as their sole web developer; managing their entire web ecosystem .
Freelance <i>2009 to present</i> Software Engineer, Web Developer	I have built many websites and software projects. Details of the open source ones can be found on my GitHub page .
MRes Dissertation <i>2012</i> 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 <i>2011</i> Software Engineer	I built a collaborative, real-time, cloud-based IDE using Google Wave technology.

Education

Certificate in Data Protection <i>2016</i> The British Computer Society
MRes Crime and Security Science <i>2011 to 2012</i> University College London, UK
BSc Computer Science <i>2008 to 2011</i> University College London, UK

References

Ingemar Cox <i>Director of Research</i> Computer Science Department, University College London
Atif Choudhury <i>CEO</i> Diversity and Ability

