

# 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
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 also enjoy exploring and playing with data, my MRes research involved simulating million-node networks. 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

<b>BAFTA 2014 to present</b> Software Engineer	I help build and grow BAFTA's commercial offerings. This includes digital media distribution platforms, awards services, and copyright tools.
<b>Technology Media Institute 2014 to 2015</b> 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.
<b>Diversity and Ability 2009 to present</b> 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 <a href="#">web ecosystem</a> .
<b>Freelance 2009 to present</b> Software Engineer, Web Developer	I have built many websites and software projects. Details of the open source ones can be found on my <a href="#">GitHub page</a> .
<b>MRes Dissertation 2012</b> Researcher	I worked on improving the reliability of the BitTorrent protocol by fully decentralising the peer discovery mechanisms. Paper published in <a href="#">IEEE P2P2013</a> .
<b>BSc Dissertation 2011</b> Software Engineer	I built a collaborative, real-time, cloud-based IDE using Google Wave technology.

## Education

<b>MRes Crime and Security Science 2011 to 2012</b> University College London, UK
<b>BSc Computer Science 2008 to 2011</b> University College London, UK

## References

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

For privacy reasons, contact details are available on request. Public profiles are available: [Ingemar](#), [Atif](#)

