Michael Baird
DEVELOPER & SERVER ENGINEER

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github.com/mbaird
Dundee, Scotland

EXPERIENCE

Outplay Entertainment
Sept 2013 — Present

Server Engineer & Developer
Managed & developed applications for a large-scale (~80) server deployment on AWS. Built back-end APIs handling millions of daily requests to provide services for a range of popular (Apple Editor's Choice) mobile social-games.

School of Computing, University of Dundee
Jun 2012 — Aug 2013

Developer & Designer
Built new website & content management framework, undertaking design, development, evaluation, testing & deployment. The site was built with *Ruby on Rails* and MySQL, and complies with W3C standards for HTML5 and web accessibility.

Singderella
May 2012 — July 2013

Lead Developer
Development and server management for a new global music startup based in London. Built front and back-end systems for voting, video uploading, transcoding and user management. The site was built with the *Zend Framework* in PHP with MySQL, and was hosted on Amazon Web Services.

EDUCATION

University of Dundee
2009 — 2013

BSc Applied Computing (Honours)
Graduated in June 2013 with First Class Honours. My final year project entitled '*Scalable Analysis of Data from Proteomic Research*', involved building & managing a 5-node Hadoop cluster to distribute the processing of extremely large quantities of data from proteomic research experiments.

SKILLS

Front End
JavaScript/CoffeeScript *inc. jQuery*, HTML, CSS *inc. LESS & SASS,* Gulp & Grunt

Back End
Ruby *inc. Ruby on Rails*, Node.js *inc. Express,* Java *inc. Hadoop*

Database
PostgreSQL, MySQL, MongoDB, Redis

Server & Cloud Service
Amazon Web Services *inc. EC2 & S3*, Rackspace, Heroku

OS, Software & Version Control
Ubuntu, Mac OS X, Git *inc. GitHub & GitLab*, Subversion, Adobe Creative Suite

DISTINCTIONS

Technology Innovation Management - *1st Place*

Yahoo! Hack Day 2012 - *1st Place*

NCR Computing Performance Prize - *2010-13*

Applied Computing Level 1 Medal

Undergraduate Academic Excellence Scholarship

PERSONAL

I was born in Fife, Scotland and attended Queen Anne High School in Dunfermline, where I obtained 4 highers and 3 advanced highers. I briefly worked at a supermarket and banking call centre. I then moved to Dundee in 2009, graduating in 2013 with First Class Honours in Applied Computing. I hold a full driving licence. In my spare time I enjoy working on cars and helping my dad restore a vintage Rover saloon car, or going to a local ice hockey match at the weekend.

References are available on request