

Ian McConachie

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Profile

I am an experienced Python/Django developer specializing in creating advanced database driven web applications.

I am also an accomplished Computing lecturer and have experience of teaching from Access level 4 through to HND.

Skills

My skills lie in the area of developing web applications and sites and I have extensive experience of setting up servers in both shared hosting and VPS environments. I have extensive experience in deploying sites and applications to the web.

My strongest skills are:

Python / Django
Linux
CSS / XHTML / HTML5

JQuery / Javascript
RDBMS / MySQL
Ruby on Rails / PHP / Others

Employment History

July 2011 - Present

Mercurytide, Edinburgh
Python/Django developer

The role involves developing advanced web applications using current technologies and developing to current standards using the following languages and technologies.

This role involves designing the architecture of solutions as well as writing well crafted, readable and maintainable code and involves working to detailed business requirement documents and to firm deadlines.

Python	XHTML
Django	CSS
Mootools	Subversion
JQuery	Linux
MySQL	OSX

Sept 2008 - 2010
Sept 2009 - 2011

Moray College, Elgin
Inverness College, Inverness
Supply Bank Lecturer in Computing

I taught on the supply bank at both Moray and Inverness colleges, teaching a wide range of subjects including:

MS Office applications	SQL
RDBMS	Digital Media Elements
System Development	Computer Architecture

Web Site Development
Internet Safety
Javascript
Hardware Systems

Multimedia Applications
Social Media
Python
Digital Game Design

I was also responsible for producing teaching material and assessments.
There was a large administration responsibility in this role. Records had to be kept of attendance and results and these were reported to line management on a regular basis

Mar 2008 – Jan 2009

Moray College, Elgin
Computer Technologist

While studying for a BSc in Computing at Moray College I was approached and asked to join the college staff as a Computer Technologist. This role involved the administration of the college data and telephony network consisting of over 1000 clients running Windows XP and 15 servers running a combination of Novell, Windows 2003 and Linux. The role also involved the implementation of major projects.

Jan 2000 – Mar 2008

Moray IT Solutions
Self employed

I ran a computer business situated in Elgin. The client base was a mixture of private and corporate customers. The work I undertook included custom building PC systems, hardware and software installation, problem solving and repair. I provided a consultancy and support service to corporate customers. This also involved tutoring and training sessions. In March 2004 I opened a shop in the centre of Elgin. From there I retailed PC components and operated a repair workshop as well as servicing corporate support contracts.

Education History

1975 – 1982

Elgin Academy, Elgin, Moray

2006 – 2008

Moray College, Elgin, Moray

BSc Computing

Advanced Databases, Web Application Development, Advanced Networking, Artificial Intelligence, Advanced Multi User Operating Systems, E-Commerce, Research Management Skills, Team Project.

Interests

I am a keen musician and play trombone with a local brass band and swing band.

I regularly voluntarily act as sound technician for several local groups. I also enjoy photography and am a keen golfer.

I am keenly interested in all aspects of science and technology.