

## **Douglas F. Shearer**

### **CONTACT DETAILS**

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### **PROFILE**

Holds a Computer Science Bachelors Degree from the University of Edinburgh, where he gained knowledge and experience using a wide range of technologies such as Java, Ruby, SQL, Unix and many others.

Wide range of knowledge and experience gained from 5 years of developing and maintaining web applications and other object-orientated systems.

Experience of working alone and with teams of up to 20 others, both face-to-face and remotely.

Windows, Unix/Linux and Mac OS X administrations skills and knowledge including the ability to build, compile and deploy applications from source code. Experience in setting up web servers using various technologies to support RoR, PHP and Java applications.

Very receptive to learning new technologies in a challenging environment.

### **QUALIFICATIONS**

<b>Degree</b>	BSc Computer Science (University of Edinburgh 2002 - 2006)
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### **SKILLS**

<b>Programming Languages</b>	Java 1.4 and 5 (J2EE, JSPs, Servlets, Ant build tool, JUnit) PHP 4 and 5 Ruby JRuby Javascript ( + AJAX)
<b>Web Frameworks</b>	Ruby on Rails (BDD, TDD) Merb Apache struts + Hibernate
<b>Presentation and Data Formatting</b>	HTML / DHTML / XHTML W3C Standards and accessibility CSS XML XSLT
<b>Web Services</b>	REST XML-RPC SOAP
<b>Databases</b>	SQL MySQL

	SQLite MS SQL Server PostgreSQL.
<b>Operating Systems</b>	Unix (BSD, Solaris, OpenSolaris) Linux( RHEL, CentOS, Fedora, Ubuntu, Suse) Mac OS X Windows
<b>Web Servers and other</b>	Apache & Lighttpd configurations Ruby specific: Ngnix, Pound, Mongrel, Mongrel cluster, Passenger/mod_rails. Caches/Proxies: squid, Haproxy, Varnish
<b>Graphics Applications</b>	Adobe Photoshop Adobe Illustrator Blender 3D The GIMP Inkscape
<b>IDEs and Editors</b>	Eclipse Textmate Dreamweaver Bluefish
<b>Version Control</b>	SVN (Subversion) & CVS – Both command line and GUI. Git.

## PRACTICAL EXPERIENCE

<b>December 2008 – April 2009</b>	<b>AdventuresOfRiley.com</b> <ul style="list-style-type: none"> <li>● Development of a childrens social network using Ruby on Rails.</li> </ul>
<b>December 2008 – February 2009</b>	<b>Truelobby.com – Feature Developer</b> <ul style="list-style-type: none"> <li>● Development of a public feedback site for US legislation using Ruby on Rails.</li> </ul>
<b>October 2007 – November 2008</b>	<b>Zoecity.com – Senior Developer / Engineering Architect</b> <ul style="list-style-type: none"> <li>● Development of features for an online social network using Ruby on Rails and other technologies.</li> <li>● Responsible for scaling, uptime, performance and R&amp;D.</li> </ul>
<b>December 2006 – May 2007</b>	<b>FutureCorp Group UK (Consultancy)</b> <ul style="list-style-type: none"> <li>● Development of high availability content and applications using Ruby on Rails.</li> <li>● Clients include: ATTWilliams.com, BBC, Yahoo.</li> </ul>
<b>May 2002 - Present</b>	<b>Freelance Programmer.</b> <ul style="list-style-type: none"> <li>● Java, RoR, &amp; PHP; CMS and other apps.</li> <li>● XML manipulation.</li> <li>● RSS generation from static content.</li> <li>● Advertising syndication software.</li> <li>● Dynamic geographical maps with AJAX.</li> </ul>
<b>Oct 2003 – Mar 2007</b>	<b>MacDonald Cycles, Edinburgh. (Part time)</b> <ul style="list-style-type: none"> <li>● Customer service.</li> <li>● Bicycle assembly and maintenance.</li> <li>● Website implementation and design.</li> <li>● Print design for advertising and promotional materials.</li> </ul>
<b>Mar 2002 - Oct 2002</b>	<b>Halfords, Springkerse Industrial Estate, Stirling.</b> <ul style="list-style-type: none"> <li>● Customer service and bicycle assembly.</li> </ul>
<b>Dec 2000 - Mar 2002</b>	<b>New Heights, Stirling.</b> <ul style="list-style-type: none"> <li>● Outdoor, ski and mountaineering equipment sales.</li> </ul>

## **Open Source**

I publish a number of Ruby and Ruby on Rails libraries and plugins at <http://github.com/dougal>

## **Interests**

- Cycling, competitive mountainbike cross-country at expert level.
- General science, physics in particular.
- Cinema and Film.
- Music.

## **Achievements and Awards**

- RLSS (Royal Life Saving Society) Qualified LifeGuard.
- First Aid as part of above.
- Valid, clean drivers licence.
- Scottish Cycling Junior Cyclo-Cross Champion 2002.
- Former member of the Scottish Cycling team.