Robin Mills

Profile

I am a software engineer. I've been involved with computer software since school. I've worked on many different technologies including:

Development of Compilers and Interpreters	Windows, Mac, Linux/Unix, Embedded & Mobile.
Computer Graphics	Computer Aided Design
Build Engineering. Documentation. Scripting.	Rapid Prototyping and Demonstration Products.

My strongest asset is explaining things and I've lost count of the folks who've said: "When you explain things, it always sounds so simple." My reply: "Thank You. It works because it is simple!".

Experience

CONTRACT ENGINEER, NOVARIANT INCORPORATED, FREMONT, CALIFORNIA, SEP 08 - DEC 09
All purpose engineer for the company's embedded steering controller. This is a robot to drive a farm tractor. We've shipped this on both Windows/CE and Linux/Embedded. I initially ported the core code (1 million lines of Linux C++) to Windows. I've also worked on the UI (Java and JavaScript), the Database (SQLite), installers and web server. Tools: Dev Studio, Eclipse, bash, perl, Firebug, VirtualBox.

SENIOR COMPUTER SCIENTIST, ADOBE SYSTEMS, SAN JOSE, CALIFORNIA. 1998-2007
I joined the company in England as a Consulting Engineer (OEM support for PostScript).
In 2000 I was invited to relocate to San Jose, CA as a Project Lead Engineer in the Print Technology Group. I really enjoyed leading a team of 14 to develop a web printing application.
I also spent several years in Core Technology working on ExtendScript - the company's JavaScript interpreter. I gave presentations at the Adobe Tech Summit (engineering conference). Almost all code at Adobe is developed for Windows and Apple (OS-X today; OS 9 in the early days) and often Linux.

DIRECTOR, ROBIN MILLS SOFTWARE CONSULTANCY
I had my own business for 4 years and had a very successful 3 year contract with AGFA in Antwerp, Belgium to develop AgfaScript - a cross-platform PostScript interpreter (Solaris, AIX and Windows)

OPEN SOURCE AND OTHER ACTIVITY
I contribute to three open-source projects involving exif photograhic meta data: exiv2 (C++ exif library), pyexiv2 (python wrapper for exiv2) and Phatch for which I developed the GeoTag Action. My builds (available from clanmills.com) of pyexiv2 and exiv2 for Windows and MacOS-X are unique.

Webmaster for a couple of clubs. Frequent contributor to forums.macosxhints.com. Moderator on forum.whatismyip.com (a network forum). Fit & healthy and qualified/ran in the Boston Marathon in 2006. Happily married. European Citizen and US resident (green card).

Skills

I've written and fixed a lot of code. I'm quick at learning new technologies and reading and understanding other people's code. I rank my skill set at:

Very	C++ and JavaScript	Dev Studio, XCode
Strong	Windows, MacOS-X	Presentations, Training Courses, Public Speaking
	Build Engineering	Prototyping and demonstrations
Strong	Scripting	Web technologies (HTML, CSS, HTTP, CGI, ASP)
	Linux	Perl and Python
	Writing documentation	Eclipse
Good	Java	Database

Education

University of Glasgow, Scotland. B Sc with First Class Honours in Engineering.

Referrals (email/phone numbers provided on request)

Dennis Connor	Director of Development, Novariant Incorporated, Fremont CA.
Richard Dermer	Senior Computer Scientist, Adobe Systems Incorporated, Seattle WA.
Jim Poje	Senior Computer Scientist, Adobe Systems Incorporated, San Jose CA.