

# Stewart Adam

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## Technical Expertise:

- Experienced in PHP, Python, SQL, XHTML & CSS, XML, BASH shell and working knowledge of C/C++, Java and JavaScript
- Can create graphical interfaces using PyGTK or Qt
- Familiar with the Joomla and Drupal content management systems
- Can assemble desktop or server computers as well as setup the Windows, Linux or OS X operating systems

## Work Experience:

### Founded Diffingo Solutions Inc.

*June 2006*

Founded Diffingo Solutions Inc.: Manage all aspects of business. Also created its website [www.diffingo.com](http://www.diffingo.com).

### Software programming

Diffingo Solutions Inc.

*Summer 2005 - Present*

Programmed multiple graphical and command line-based tools such as a cross-platform backup solution, a graphical interface to the system *fstab* file, and a graphical interface to multiple audio conversion tools. Also wrote all documentation accompanying the software. All software titles are available free of charge under the GPL license from [www.diffingo.com/opensource](http://www.diffingo.com/opensource).

### Website design

Leading Edge Design, Inc. & Porcelaines Bousquet, Inc.

*Summer 2009 - Present*

Constructed the websites for Leading Edge Design ([www.littledeer.ca](http://www.littledeer.ca)) as well as Porcelaines Bousquet ([www.porcelainesbousquet.com/beta/fr](http://www.porcelainesbousquet.com/beta/fr)) using the Drupal content management system and the Ubercart E-commerce solution.

### Software programming & technical consultant

Proparms Ltd.

*Summer 2007 - Fall 2009*

Worked as a technical consultant and software developer at Proparms Ltd., a company producing explosive ordinance disposal equipment and waterjet disrupters. Tasks included removing malware from computers, analyzing and upgrading hardware, networking, server installation and configuration as well as extension of Diffingo's open-source fwbackups software, so that each employee's data could be secured by a nightly backup to a remote location.

### Part-time computer technician and consultant

Various

*Summer 2005 - Present*

Jobs included online store design, repairing computers, installing software, OS & application updates, defragmentation, system upkeep, networking, addressing security issues and general trouble-shooting. Clients include: Earthvalues Institute Inc., AD Naturalists Inc., Trouvez Inc., and numerous private clients.

## **Volunteer Work:**

### **Software packaging & maintenance**

Fedora Project & RPM Fusion

2006 - Present

Maintained various software titles, including the AMD Catalyst and proprietary nVidia display drivers, for Fedora Linux in the Fedora Project repositories and RPM Fusion (an add-on repository for Fedora Linux).

### **FOSS software development & testing**

Various projects

2005 - Present

Contributed documentation, code patches and bug reports to a number of projects including the Linux kernel, livecd-tools, gtk-osx and avidemux. As well, created a total of over 30 'how-to' guides - informal guides on how to complete a task - on [fedoraforum.org](http://fedoraforum.org) and [www.firewing1.com](http://www.firewing1.com) which have a total of over 1 million views. Howtos are written under the user name *firewing1*.

### **Environment Club**

Heritage Regional High School

September 2005 - May 2006, September 2006 - May 2008

Fundraised for causes such as endangered species, the rainforest, the Gift of Sight program and also raising awareness for a variety of subjects including recycling, pollution. Also designed the club's website, which contained the club's news and more information about each awareness or fundraising project.

## **Education:**

2008 - 2009: Dawson College - Pure and Applied Sciences (on scholarship)

## **Awards & Achievements:**

- Millennium Excellence Award (2007, provincial level)
- Claude-Masson provincial volunteer award (Hommage-bénévolat-Québec, 2009)
- fwbackups has been rated as the #1 Linux backup utility by Jack Wallen of TechRepublic.
- Open source software was featured on a CD accompanying an issue of *Computer Vignanam* Telugu magazine, which is distributed in India to over 35,000 people
- Youngest administrator of FedoraForum.org, one of the largest Linux support forums with over 150,000 members
- Featured in a Gazette newspaper article and a 2-minute CTV news clip (available at [www.firewing1.com/inthedia](http://www.firewing1.com/inthedia))
- Award of Distinction (general average of 90+) Secondary V