

# Stewart Adam

Email: s.adam@diffingo.com  
Phone: 438.274.4171

3586 Bouthillier  
Carignan, QC, J3L 0J3

## Technical Expertise:

- Experienced in web development (PHP, JavaScript, CSS, XHTML) including jQuery
- Proficient in the Python and working knowledge of Java and C++
- Familiar with the Drupal content management system and its APIs
- Can assemble desktop or server computers and troubleshoot hardware issues
- Able to setup and configure the Windows, Linux or OS X operating systems
- Excellent documentation skills

## Work Experience:

### Drupal Programmer

Summer 2011 – Present

Grindflow Management LLC., Virginia, USA

Worked as lead programmer for Grindflow Management LLC to offer user experience consultations, website troubleshooting and custom module development services for Ubercart e-commerce sites using the Drupal content management system.

### Server administrator

2009 – Present

Diffingo Solutions Inc.

Built and configured a server machine running CentOS for use with shared hosting. Manages all aspects of server performance, security and administration. Installation capable of running DNS, Web, Email, database and calendar services and is co-located in Montreal with iWeb Technologies.

### Website Developer

2009 – 2011

Diffingo Solutions Inc.

Developed the websites for Littledeer Inc. ([www.littledeer.com](http://www.littledeer.com)) and Porcelaines Bousquet Inc. ([www.porcelainesbousquet.qc.ca](http://www.porcelainesbousquet.qc.ca)) using the Drupal content management system. Configured the website and its modules as well as performed custom programming in multiple cases to fix bugs or add functionality. Hosting services offered via dedicated server co-located at a datacenter run by iWeb Technologies, Montreal.

### Technical Consultant

2007 - 2010

Proparms Ltd.

Offered various technical consulting services and programmed a desktop backup application. Removed malware from computers, analyzed and upgraded computer hardware, networked printers and desktop computers and installed a central file server.

### Company Founder

2006

Diffingo Solutions Inc.

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

## **Volunteer Work:**

### **Software Programmer**

2006 – Present

Diffingo Solutions Inc.

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

### **Software packager**

2006 – Present

Fedora Project & RPM Fusion

Maintained packages for various software titles in the Fedora Project repositories and/or RPM Fusion (an add-on repository for Fedora Linux). These packages included gnofract4d, the AMD Catalyst driver and fwbackups.

### **Software tester & technical writer**

2005 – Present

Various open-source software projects

Contributed documentation, code patches and bug reports to a number of projects including the Linux kernel, livecd-tools, gtk-osx, avidemux and Drupal. Additionally, created a total of over 30 'how-to' guides (informal guides on how to complete a task) on [fedoraforum.org](http://fedoraforum.org) and [firewing1.com](http://firewing1.com) which have helped users resolve their computer problems. These guides have a total of well over 1 million views and were written under the user name 'firewing1'.

## **Education:**

- 2011: Bachelor's degree in software engineering at Concordia University, Montreal (in progress)
- 2010: DEC diploma in pure and applied sciences at Dawson College, Montreal

## **Awards & Achievements:**

- Millennium Excellence Award (2007, provincial level – 4-year scholarship)
- Claude-Masson provincial volunteer award (Hommage-bénévolat-Québec, 2009 for 7000+ hours of volunteer work)
- Article titled "Using Open Source Software to Engage in Real-Life Problem Solving" published in the journal *LEARNing Landscapes* (Spring 2009 Vol. 2 No. 2)
- 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 (from 14 yrs. of age to present) of FedoraForum.org, one of the largest Linux support forums with over 175,000 members
- Featured on the front-page of business section of the Montreal Gazette newspaper, on CTV news and CBC news

*References available upon request*