# David Gagnon

eMarketing Specialist / IT & Web Guru / Webmaster / Linux Admin / Open Source & CMS Specialist / Trainer / Consultant

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## EXPERIENCE

### McCarthy Tétrault, Montréal, QC, CA — *Webmaster*

September 2014 - June 2020

Webmaster, eMarketing coordinator and CSS/jQuery/HTML5 Developer. My responsibilities included:

- Building and maintaining the firm's divisions websites by hand coding, with the help of technologies such as HTML5, CSS3, Bootstrap, jQuery, JavaScript
- Maintaining the firm's corporate and recruitment websites (production and design) built on Drupal 8, previously on Reddot. Used JIRA to keep issues logged and updated with the DEV team at Cossette.
- Primary contact and project manager for internal website requests
- Primary contact with IT department for all web-related projects and liaising with vendors as required (Vuture, Tikit, Cossette,etc.)
- Design and layout of electronic external (clients) and internal communications using Tikit then later on Vuture and Mailchimp.
- Management of the firm-wide electronic event invitations using Tikit and Vuture software as well as Mailchimp.

### Softvoyage, Laval, QC, CA — *Web Front End Developer*

November 2012 - March 2014

Web Designer and CSS/jQuery/HTML5 Developer. Worked on general graphic design as well as HTML5 development and UI design, with a special focus on mobile devices and responsive design. More recently started developing in-house web applications using PHP and MySQL/MariaDB. Most of the work was done on a Mac OS X client machine with code running on Linux servers (CentOS, RHLE).

### Shanghai United International School, Shanghai, China — *Manager, Teacher, Coordinator*

August 2004- June 2012

I acted as an advisor, system administrator, facilitator and teacher. My tasks included managing the IT infrastructures across campuses and administrating the school's web servers, databases, e-mail, FTP, Administration desk, etc. I have also deployed a Learning Management System (Moodle) and developed several web apps and databases for administrative functions (PHP+MySQL). On top of that, I was also providing technical support and training to teachers, as well as teaching ICT to primary and secondary school students.

## SKILLS

**Developer**
HTML5/CSS3/PHP/MySQL/JavaScript/jQuery. I can do both backend and frontend work but I excel most at front-end and CSS, and converting provided graphical content into HTML5 and responsive design. Currently learning React.js

**System Administrator**
Linux, Apache, nginx, MySQL, Postfix, Courier, Samba, NFS, etc.

**Teacher**
Been teaching basic IT and coding skills to primary school students

**Manager**
Managed IT resources for 5 school campuses in Shanghai

**IB Facilitator**
IB (International Baccalaureate) PYP (Primary Years Programme) ICT Facilitator, attended several ICT & PYP workshops and Job-A-Likes. Expert Moodle trainer and administrator.

**Graphic Designer**
Studied and designed various website designs, logos as well as printed material.

## EDUCATION

### Rochebelle Professional Formation Center, Québec, QC, CA — *DEP*

August 1997 - June 1999

DEP in Graphic Design. Studied and practiced pre-print design work as well as web design, including internship experience for a web design company (SillyWeb)

## PROJECTS

### MT>Version & MT>Ventures — *McCarthy Tétrault divisions*

On a very tight budget (practically 0$), the firm needed a simple website built in just a few days.. Hence I thought why not code it by hand based on a Bootstrap template? With my input and the collaboration of the design team's, I have built these 2 websites from scratch, by hand, using technologies such as HTML5, CSS3, Bootstrap, jQuery, JavaScript. And this is how these MT>Divisions websites came to be. Simple but efficient.

### CyberSecurity Guide  — *McCarthy Tétrault Micro Site*

Small one pager website I developed using Bootstrap, based on an existing PDF document. The goal was to retain the look and feel of the PDF but making it more interactive for the web.

### Global Projects Map — *McCarthy Tétrault Micro Site*
Based on Google Maps API, as well as some JSON for fetching data from a Google Spreadsheet, I have extended this web app by making it responsive using CSS3 and jQuery.

### softvoyage.com — *Main company's website*
Major revamp for the main web portal. I've done most of the work behind taking the design idea and turning it into a full blown Wordpress template. Used HTML5, CSS3, PHP and jQuery technologies to make everything work as it should. Some challenges included adapting all the PHP templates from being simply bilingual (French + English) to a tri-lingual version (added Spanish recently).

### sirev.com  — *Search engine for travel agencies*
Softvoyage's travel agency search engine needed to be converted from a desktop-only website to a responsive,  mobile-friendly app. I've done all the coding from scratch by myself with Bootstrap as a base.

### holidays.softvoyage.com/2013 — *Interactive HTML5 greetings*
Interactive greetings card entirely hand coded in HTML5/CSS3 and jQuery.

Blogger, writer
Wrote articles for various webzines.

## CERTIFICATONS

**Linux Essentials 117-010**
https://www.dropbox.com/s/4yyxl4ozgo29tgk/LE-1.pdf

**Collaborative Planning in the PYP**
https://www.dropbox.com/home/Certificates?preview=Certificate+of+Completion+-+Collaborative+Planning+in+the+PYP.jpg

**Many other IB related certificates which you can find at the URL below:**
https://www.dropbox.com/sh/hh6ixhzowx8kle7/EMoi0MtSi-

## SOFTWARE PROFICIENCY

**Graphic design**:
Adobe Photoshop, Adobe Illustrator, GIMP, Inkscape

**Web related:**
Reddot, Drupal (6,7,8), Wordpress, Bootstrap, Moodle, Linux, Apache, nginx, MySQL, MariaDB, PHP, HTML, jQuery, JSON. Learning React.js, Vue.js, Angular.js etc.

## LANGUAGES

**Fuent**:
French, English

**Some proficiency:**
Spanish, Chinese

## Avenirmd.com — *Private Clinic in Laval*

This private clinic needed a brand new, better looking Wordpress-based website. Starting from an existing template, I have modified its code heavily using CSS3 and jQuery to add some new features, such as making the main pictures switch to color when rolling the mouse over them, as well as adding sub-menus and right sidebar, etc. It was the first time I used jQuery extensively and some interesting CSS3 newer features.

## Suis.com.cn — *Shanghai United International School*

Installation and set up of the Drupal CMS (Drupal 7), as well as the graphic signature which I designed by modifying an existing Drupal template. I also added a bit of PHP code for extras. It's also myself who has put in place their email server as well as the Learning Management System based on the Moodle Open Source software.

## Moodle system — *Shanghai United International School*

Installed Moodle on a Linux server (Debian), then set up and administered this Moodle website until June 2012. The system, based on PHP and MySQL, was used by teachers to deliver extensions of their classes online, and by students to participate in several on-line activities such as quizzes, and also to send their homework through the internet. I believe we were among the very first primary schools doing this at the time.

## Students Administration Desk — *SUIS's custom admin tool*

I have extended this administrative database system for storing students information and monitoring other school management matters such as taking attendance, comments, transportation info, reports, etc. I have built the entire reports system from scratch using PHP, HTML and MySQL.

## Portable Netbooks Trolley — *Shanghai United International School*

Using Google SketchUp, entirely designed a trolley system for Netbooks that is now in use in Shangyin Campus. Click on title above to see the actual plans.

## LAMP Setup — *Shanghai United International School*

Initial set up and maintenance of LAMP servers (Debian), Web services (Apache), Email (Postfix+Courier), file servers (SAMBA, NFS). I have set up all the original Linux servers in the school, which ran websites and all the web based apps, as well as the original main email system for all the schools based on Postfix and Courier.

## Access-IT Library — *Shanghai United International School*

I've performed the installation and set up of the library systems "Access-IT" on the Linux servers as well as the database systems required (Java, MySQL).