JACOB FRIESEN

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PROFILE

- Bachelor of Computer Science (Honours) student who is graduating in May 2013.
- One year of on the job Web Development experience complemented with over six years of developing websites in my spare time.
- Deep understanding of JavaScript with experience in client side, server side and phone environments.

TECHNICAL SKILLS

Programming – Languages – <Libraries> – [Frameworks] – *Other*
- Several Years With: JavaScript (pure, <ExtJS>, <jQuery>), HTML/CSS, Java
- Work Experience: Python, [Django], Ruby, [Ruby on Rails], JSP, [JSF], XML, JSON, [AJAX], SQL, *Object Oriented Programming (Class and Prototype based)*
- General Experience: C/C++, C#, Jade, Node.js, Objective C, PHP, ZPL, Assembly

Back End – Servers – <Databases> – [Version Control]
- Several Years With: Apache HTTP Server
- Work Experience: <PostgreSQL>, Apache Tomcat Container, [Git], [CVS]
- General Experience: <IBM DB2>, <MySQL>, Webrick

Environment – Operating Systems – <Editors/IDEs> – [Phones] – *General Software*
- Work Experience: Linux, Windows, Mac OS X, <Eclipse>, <Komodo Edit>
- General Experience: [IPhone], [Android], <Visual Studio 2008 and 2010>, <VIM>

WORK EXPERIENCE

2012 May – August Co-op Work Term 3   **Web Developer,** CanadaDrugs.com

Improved Panda, the internal web application. Panda manages the business from all of the pharmacy sites. Worked in an Agile Environment.
- Using HAML (HTML templating), Javascript (lots of jQuery and AJAX), and SCSS, designed and updated many front end interfaces.
- Implemented server code in Ruby on Rails which connected to a MYSQL database.
- Improved small HR application which had a Twitter Bootstrap interface and a Ruby on Rails backend.

2011 August – December Co-op Work Term 2   **Web Developer,** Iders

Defined the Inventory Location Management (ILM) system architecture and user experience of the Iders Information Management (IMS) website.

- Designed the front end (client side) with Javascript (ExtJS library) and HTML/CSS.
- Implemented the back end server code using Django with a PostgreSQL database. Coded multiple types of devices including an Android phone and Zebra printer to provide and extract data from the ILM system.
- Improved efficiency of page loading and GUI function in addition to adding some extra features to the core IMS website.

2011 January – April Co-op Work Term 1   **Web Developer,**
Agriculture and Agri-Foods Canada

Redesigned and managed the back end (server side) of all the Rural Water Resources Planner website's tools using Java.

- Redesigned and managed the front end (client side) of the website using a mix of JSF, HTML/CSS, and JavaScript. Client side development mainly involved designing graphical user interfaces for the website's tools.
- Participated in defining user experience, page designs, software architecture and other web application essentials for the whole website.

2010 May – August   **Crew Member, Wendy's**
2009 June – August   **Landscaper, Little Buds Tree Farm**

VOLUNTEER EXPERIENCE

2009 Winter Donation Assistant, Five Days for the Homeless
U of Manitoba, MB
- Operated a donation booth with another person to convince people to donate.
- Assisted in handing out flyers to university students passing by.

2007 – 2008 Council Member, Student Council
Westwood Collegiate, MB
- Introduced original ideas for events as well as evaluated and discussed other ideas for events.
- Assisted in the organization and planning of events in the year.
- Also helped on the day of the events with event details.

INTERESTS

In my spare time I work on web projects, applying new technologies and ways of coding to help solve the problems I encounter. Currently I am in the Winnipeg.js group.

REFERENCES

References available on request.