

Alex Kwiatkowski

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OBJECTIVE

To obtain full-time or part-time employment in software development, systems design, or system administration, ideally related to the aviation or geomatics industries.

COMPUTER SKILLS

Languages

- Proficient in: Java 1.4+, Python 2, PHP 5, XHTML/CSS, Microsoft Visual Basic .NET 2005
- Familiar with: Microsoft Visual Basic 6, C, C++, Scheme, Logo

Software

- Database: MySQL 5, SQLite
- Desktop Platforms: Microsoft Windows Vista/XP/98, Linux (Debian- and Red Hat-based), Mac OS X
- Mobile Platforms: BlackBerry OS 4.6+

EXPERIENCE

Developer

May 2010 – Current (4 terms)

Department of National Defense (DND)

- Serve as a subject expert on a team tasked with developing a prototype of a personnel promotion model
- Develop and test flexible code in Python and Panda3D to provide an intuitive interface for end users
- Track features and bugs, emphasizing the need to address tasks according to their priority
- Obtained an Enhanced Security Clearance at beginning of term

Teaching Assistant (TA)

January 2009 – December 2009 (4 courses)

Carleton University

- Taught weekly tutorials to students
- Delivered fair and consistent marking on time
- Assisted students both in person and via email
- Courses included
 - Introduction to Computers for Arts Students
 - Introduction to Object-Oriented Programming
 - Design and Implementation of Computer Applications

Webmaster

Fall 2008 – Fall 2009

Canadian Internet Policy and Public Interest Clinic (CIPPIC)

- Managed PHP-based website and CMS, administered email and DNS
- Documented processes

Business Technology Analyst

Summer 2008

Deloitte Inc.

- Developed and supported solutions in Java 1.4 using IBM WebSphere 5 and 6, Apache Tomcat, and Serena TeamTrack
- Designed and built a custom internal time-tracking website using PHP 5
- Created reports and product documentation
- Demonstrated effective communications with both team and client
- Acquired various skills as needed throughout employment term

Multi-Platform Software Developer

For Self

- Built both custom and CMS-based websites using the LAMP toolset
 - Trimtab.ca
 - HippoInTheBathtub.com
- GSM SMS auto-responder bot to provide bus times, weather, etc.
- Various other solutions for web, desktop, and mobile platforms

EDUCATION

Carleton University

2007 – Present

Ottawa, Ontario

- Four-year Bachelor of Computer Science degree
 - Software Engineering stream
 - Minor in Geomatics

Algonquin College

2006 – 2007

Ottawa, Ontario

- Visual Basic .NET Certificate (achieved A+)

PERSONAL ACCOMPLISHMENTS

Licensed pilot since 2009, licensed glider pilot since 2006

Air Cadets – achieved final rank of Sergeant and “Best Senior NCO” award

Bronze 4 sailing certification

Scored 2000 on the SAT (93rd percentile overall)

REFERENCES

School of Computer Science Administrator at Carleton University

Honours Project Supervisor at Carleton University
