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EDUCATION University of Manitoba  
 B.Sc. - Computer Science, 1997

Languages  
 English & French

COMPUTER KNOWLEDGE Operating Systems  
 Linux, OSX, Windows XP/7

Programming Languages  
 C/C++, Python, Javascript, HTML, CSS, Shell/Bash, RegExs, SQL, PHP, Perl

Applications, Frameworks, Services & Protocols  
 MFC, SIP, SSH, DNS (bind), HTTP (apache), Postfix, DHCP  
 Visual Studio, SER, Asterisk, VLans, Django

Databases  
 mySQL, Firebird, MS Access

CAREER HIGHLIGHTS Refactored source code (over 1 million lines) to allow proper branching.  
 Brought in modern best practices and libraries such as an internal wiki and Boost.  
 Consulted in England to help set up an e-commerce site.  
 Travelled extensively in US installing networks in hotels.  
 First person from Guest-Tek to do an install in Europe.  
 Was taken out of retirement to rescue important account in Caribbean.  
 Set up (and wrote large pieces of) a network management system with over 12,000 nodes.  
 Prepared and then taught several internal training classes.  
 Helped write internal documentation and manuals.  
 Designed and developed several databases and their user interfaces.  
 Designed and implemented several internal and external websites.  
 Created six homed Linux corporate firewall that passed SOX audit.  
 Wrote open source PHP software package PCacher (subsequently rewritten using Django).  
 Was the CTO for Web hosting company with 100 customers.

PROFESSIONAL EXPERIENCE Software Development C/C++ 10+ years  
 Python 5+ years  
 PHP 3+ years

I've helped develop several different types of software packages over the years, I maintained an i18n library, a Perl driven SNMP network monitor, an internal surveying application and database, and an automated test framework with web reports to name a few. I probably learned the most when I was working with an exceptional team on a SIP back to back user agent. In my current position I've recently designed and written a risk & sensitivity engine to drive our oil and gas reservoir models.

System Administration Linux 10+ years  
 Windows 10+ years

I've run a Linux server for over ten years, and Linux has been my desktop OS of choice for much of that. I've also administered several corporate level servers such as a postfix email server and the web servers for a web hosting company.

Quality Assurance

2 $\frac{1}{2}$  years

Patching SIPp, designing and configuring the lab network and routers, creating test driven web pages, making test plans, and working with developers was an average day.

Database Design

mySQL 1+ year  
Access 2 years

I put myself through university by designing databases and then building their interfaces. The largest was a surveying application that could read in raw data from instruments and then calculate and plot 3D slopes, areas, and other relevant functions that the surveyors required.

Web Design

All my web sites have been done by hand and not with a package like FrontPage. I've used Smarty template engine with a smattering of DHTML but have recently been creating or rewriting several web apps using Django and jQuery.

WORK  
HISTORY

Fekete Associates Inc

Senior Software Developer

Jasomi/Ditech Networks

Software Developer  
Quality Assurance  
System Administrator

Guest-Tek

Software Developer  
System Administrator  
Network Installer

Verity

Software Developer  
Tech Support

Consultant

System Administrator  
Web Designer  
Tech Support

EXTRA  
CURRICULAR

While in the mountains during the summer months I like to hike and backpack and during the winter I like to get out and downhill ski. In the city I try to keep fit by playing Ultimate Frisbee and soccer.

I also love to travel. I've backpacked and toured through all of Western and lots of Eastern Europe, as well as the UK, Scandinavia (including Iceland) and Central America. I hope my next destination will be either Thailand or Australia.

SUMMARY

I am interested in a position that can contribute to the bottom line of the company while progressing in my chosen field. I'm a quick study and during my varied experience I've worked in almost every discipline of computer science. I have a voracious curiosity, and I've found that my constant reading of technical blogs and papers has given me an extremely broad knowledge base to draw upon. This often allows me to offer insights and potential solutions to most technical problems.