

PAT GOEBEL

Phone: (289) 385-0127

E-Mail: pat.goebel@gmail.com

GitHub Repository: <https://github.com/putterson>

1970 Dalhousie Crescent, Oshawa, ON

HIGHLIGHTS OF SKILLS AND EXPERIENCE

- Over 3 years of experience in the Information Technology industry with strong troubleshooting and critical thinking skills, resulting in outstanding performance evaluations
- Extensive experience in administrating and configuring environments ranging from 20 to 3000+ machines
- Developed a collaborative open-source multi-player networked game using OpenGL and SDL as a personal side project

TECHNICAL SKILLS

- *Programming Languages*: C, C++, Java, Go, Perl, Python, PHP, Javascript, bash/sh
- *IDEs and Source Control*: Eclipse, Vim, Qt Creator, ClearCase/ClearQuest, Git
- *Databases*: DB2, MySQL, Microsoft SQL Server, Microsoft Access
- *Platforms*: Linux (Debian/Ubuntu, RHEL/Fedora, SUSE/openSUSE, Arch), Windows (98, 2000, XP, Vista, 7), AIX, OSX
- *Software*: IBM InfoSphere Guardium, VMWare, Virtualbox, DD-WRT, Qt, LaTeX, SCCM, NFS, SAMBA, Acronis True Image, CloneZilla, Filezilla, Microsoft Office, LibreOffice
- *Server Daemons*: Apache HTTP Server, Microsoft Exchange Server + Outlook Web Access, Active Directory, Microsoft IIS, Squid
- *Linux Utilities*: ssh, rsync, ftp, tftp, netcat, ping, iperf, dig, nslookup, traceroute/mtr, iptables, grep, find, awk, sed, sort, uniq, head/tail/less, tar, gzip, make, curl & wget, yum, apt, pacman and more

PROFESSIONAL EXPERIENCE

Linux/Sun Platform Owner, DB2 QA Regression Team, IBM

2012 - 2013

- Programmed and maintained automated regression infrastructure in Perl, PHP and SQL, removing pre-existing problems, increasing usability and adding support for new testing scenarios
- Implemented and documented solutions to regression testing failures caused by regression environment configuration and tooling
- Maintained 250+ Linux and Solaris machines and environments, preventing regression blocks throughout the DB2 regression testing process
- Established InfoSphere Guardium installation/configuration processes and testing methodologies, strengthening DB2 Database Security
- Developed and documented integration testing processes for accessory products to DB2 and presented reports to relevant teams
- Migrated systems and regression environment to SLES 11 and RHEL 6, ensuring full testing coverage for DB2 on those platforms

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Systems Support Specialist, Regional Municipality of Durham

2011

- Engaged directly with clients to identify requirements and successfully designed and implemented technical solutions
- Migrated 3000+ workstations to the Windows 7 operating system
- Developed SQL statements for Microsoft's SCCM system, producing organized management reports for 3000+ workstations
- Communicated and interfaced with other technical and business departments, achieving sustainable IT infrastructure maintenance
- Serviced malfunctioning systems and documented solutions, achieving robustness and replicability
- Executed disaster recovery for mission critical applications and databases

Systems/Network Administrator and Computer Repair Technician, Proline Automation Systems Ltd.

2010

- Migrated, configured and managed Microsoft Active Directory, Microsoft Exchange, DHCP, DNS, Norton AntiVirus Server, backup and Microsoft Internet Information Services servers in the corporate network
- Imaged, restored and configured employee and client workstations ensuring minimal downtime for employees
- Installed and configured wireless access points and Ethernet switches for entire office and factory floor

EDUCATION

Bachelor of Science with Honours, University of Ontario Institute of Technology 2009 - Present

- Computing Science program
- Cumulative GPA: 3.43 / 4.3

ACADEMIC EXPERIENCE

Fast Matching of Binary Features using Multi-Index Hashing, University of Ontario Institute of Technology 2013 - Present

- Developed application using C++ and the Qt framework to integrate proof of concept multi-index hashing code with feature generation and feature indexing code
- Researched methods to match binary image features using multi-index hashing technique