TOMASZ WITOLD KONEFAL

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Career Interests

  I am seeking entry to a position that will utilise my analytical skills and problem solving experience while contributing to the growth and development of the company.

Paid Employment Experience

System Administrator and Programmer, *Command Post and Transfer Corporation*
Toronto, Ontario   March 2001 – Present

- Responsible for security and maintenance of corporate DNS, email, and FTP services on the FreeBSD platform
- On call for core router and switch servicing in case of outages or failures
- Designed, implemented and maintained web based FTP account management software that tied into the corporate client database, enabling the company to quickly and efficiently manage a volatile and lucrative revenue stream. Implemented using PostgreSQL, MSSQL, Apache, ProFtpd, and Perl.
- Designed and implemented web based inventory management software for all of the resources in the IT department. Implemented using MSSQL, Apache, and Perl.
- Planned and implemented a Novell to NT migration in newly acquired office that included installation, configuration, and support of over fifty NT workstations, a Windows NT 4 secondary domain controller, and printers
- Assisted in removing old network wiring and laying in of new fibre-optic and gigabit Ethernet cables throughout one of the company's divisions

Support Technician (part time), *Golden Triangle Online*
Kitchener, Ontario   May 1999 – December 2000

- Monitored, maintained and supported critical systems including FreeBSD servers, Cisco routers, switches, and dial-up equipment
- Handled incoming calls to the Help-desk from a customer base of +35,000
- Systems support for residential and corporate members including dialup, ISDN, xDSL, email, ftp, and web hosting
- Tested and evaluated alpha version software for the company
- Researched and examined best software solutions for distribution to customers

Network Analyst Trainee, *Ontario Heritage Foundation*
Toronto, Ontario   May 1998 - August 1998 (co-op)

- Produced a Year 2000 Bug report containing points of failure and costs involved in the transition to Y2K compliance for the enterprise
  (Suggestions made in the report were successfully implemented)
- Acted as a technical team leader for junior technical support specialists throughout the company
- Implemented, configured and supported several mission critical technical systems including the MS Windows NT / Novell NetWare network at satellite office
- Maintained, supported and updated internal Novell/Windows9x/NT computer network,

software, and hardware
- Responsible for smooth nightly network backups
- General helpdesk duties

Computer Lab Monitor, *Humber College*
Rexdale, Ontario   September 1997 - December 1997 (co-op)
- Regularly held instructional sessions for staff members on effective use of computer hardware and popular software including productivity, multimedia, and internet applications
- Composed and revised documentation for above mentioned sessions
- Provided basic technical support for staff

Technical Support Analyst, *Dentofacial Software Inc.*
Toronto, Ontario   January 1997 - April 1997 (co-op)
- Handled external software and hardware support calls from end-users and distributors
- Maintained and updated internal Windows 9x/NT computer network, software, and hardware
- End-user training in existing business applications
- Small programming projects in Java

Education

Attended *University of Waterloo* for Bachelor of Mathematics
Waterloo, Ontario
Area of specialisation: *Computer Science*

Summary of Skills

- Programming experience in Perl, C/C++, Modula3, Scheme, x86 Assembly, Pascal, SQL, CGI, and shell scripting
- Extensive experience installing, configuring, troubleshooting and supporting the entire suite of Microsoft operating systems (DOS, Windows 95/98/NT/2000/XP)
- Thorough understanding of inter/networking topologies and concepts including OSI, TCP/IP, ICMP, DHCP, RIP, WINS, DNS, FTP, HTTP, SMTP, POP3, hubs, routers, gateways, bridges, MS & Netscape web clients, and terminal emulation software packages
- Experienced with installation, administration, and securing of current versions of the Apache Web Server, PostgreSQL, Sendmail, Bind, MRTG, SNMP, ipchains (firewall and NAT), OpenSSH (client and server), WU-FTPD, and ProFtpd on Linux and FreeBSD
- Over three years experience with installation, administration, and troubleshooting of production BSD and Linux operating system environments
- Experience preparing cost analysis, reports and documents for internal & external agencies
- Well-developed interpersonal, organisational, communication, and presentation skills
- Fluency in English and Polish, with basic French

Volunteer Work, Interests, Activities

- Currently involved in deepening my knowledge and experience with Linux and FreeBSD
- Drawing in pen, pencil and charcoal, and photography
- Avid mountain biking, and snowboarding enthusiast