

FELIX C. WU

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Objective

A creative and challenging position involved with software development in a leading-edge environment.

Technical Skills

- Virtualization: KVM, RHEV, VMware, Solaris Zones, FreeBSD Jail
- Java : Application, Applet, Servlet, JSP, JNI, JNDI, EJB, AWT, Swing, JDBC, Struts, Spring/Hibernate, Web Services
- Development tools: JIRA, Eclipse, Subversion, Artifactory, Hudson, Maven, Sonar
- Web Development : HTML, DHTML, CGI, SSI, JavaScript, PHP
- Languages : C/C++, Java, VB, 8086 Assembler, Pascal, Scheme, X/Motif, Perl, Processing, Unix Shell Script
- Database : Oracle, MySQL, Postgres, IBM DB2
- Networking : IPCs (pipes/messages/shared memory), RPC, TCP/IP, Ethernet
- Security : PKI, Entrust, SSL, RSA, LDAP
- Graphics: 2D/3D Graphics Algorithms, Transformation, Image Compression
- OS : Solaris, FreeBSD, BSDi, Linux(Ubuntu,RedHat,MeeGo), Windows, OS/2, DOS
- Web/Application/Proxy Servers : Apache httpd, JServ, Tomcat, Geronimo, BEA Weblogic, IBM WebSphere, OWS, Netscape Proxy Server, Squid

Competencies

- Superb productivity as an individual or team player.
- Strong leadership and management skills.
- Ability to recruit highly skilled team players.
- Creative and motivated fast learner with excellent problem solving skills.
- Writing efficient code with highly optimized algorithms and style.
- Fluent (conversation/reading/writing) in English, Mandarin and Taiwanese.

Education

2003 - 2006	University of Liverpool, UK	Post Graduate Diploma, IT
1995 - 1998	Ryerson Polytechnic University	B.Sc. Applied Computer Science
1994 - 1995	University of Western Ontario	Completed 1st year B.Science

Certifications & Awards

2011, Jun.	Red Hat Certified System Administrator (RHCSA) ID 111-106-977
2000, Sep.	Developing Enterprise Applications with BEA WebLogic Server Certificate
2000, Feb.	Sun Java Programming Language Workshop Certificate
1998, Nov.	1998 ACM North America East Central Regional Programming Contest - 28 / 92
1997, Nov.	1997 ACM North America East Central Regional Programming Contest - 46 / 87
1997, Nov.	1997 Ryerson Polytechnic University Computer Programming Contest - 2 / 14
1996, Oct.	1996 ACM North America East Central Regional Programming Contest - 15 / 63
1994, Jun.	Scarborough Senior Mathematics League Champions

Work Experiences

Symcor Inc., Toronto, ON., <http://www.symcor.com/>

System Architect, High Performance Delivery, 2007 - Present, Permanent

- Assist CTO with any critical on-demand technical tasks.
- Virtualize servers with KVM / RHEV.
- Implement best practice in development cycle using open source tools: JIRA, Eclipse, USVN, Subversion, Artifactory, Maven, Sonar.
- Research feasibility of using NVidia GPU to implement highly efficient engine.
- Port projects from Solaris to Linux.
- Assist development teams adapting new open source tools.
- Assist development teams to resolve production faulty or performance issues.

Manager, Web Implementation and Support, 2005 August – 2007, Permanent

- Mentored and provided direction to staff members.
- Recruited staffs and conducted performance review regularly.
- Optimized employee productivity by cross training and delegate tasks efficiently.
- Presented technical learning sessions to staff members.
- Led staffs in administrating mission critical production servers.
- Launched various web implementations for major Canadian financial clients.
- Implemented high availability and disaster recovery platforms.
- Improved web server securities by implementing solutions for potential breaches.
- Solved complex technical issues during implementations and production support.
- Coordinated implementation between Network, Unix, Archive, Quality Analysis, Development and Business groups.

Senior Technical Analyst / Team Lead, 2003 September – 2005 August, Permanent

- Researched and led in the development of unit test framework.
- Contributed solutions and ideas for several core projects.
- Guided junior and intermediate developers to solve difficult problems.
- Implemented cheque fraud prevention system with J2EE.
- Assisted configuration management team to maintain, build and deployment.
- Assisted application support/implementation groups for application server issues.

Fairlane Group, Concord, ON., <http://www.fairlanegroup.com/>

IT Specialist, 2003 February – 2003 September, Permanent

- Maintained online shopping database.
- Developed Web applications in HTML, JavaScript, Perl, JSP.
- Upgraded encryption software for order system & provided training to staffs.
- Administrated Windows NT and MS Exchange server.
- Retouched and created graphics/photos with Adobe Photoshop.

Tritech Automation Corporation, Mississauga, ON., <http://www.3tec.com/>

System Integration Specialist, 2002 June – 2003 February, Contract

- Integrated database and framework: Postgres, JDBC, jdbforms.
- Installed servers: MySQL, FreeBSD, Apache, Tomcat, jdbforms, mail applications.
- Troubleshooted hardware issues on servers at data center.
- Administrated application servers and web servers.

FundSERV Inc., Toronto, ON., <http://www.fundserv.com/>

Software Engineer, 1999 February – 2002 June, Permanent

- Designed web applications with PKI authentication by Entrust client integration.
- Implemented a XML messaging generator in JSP.
- Ported a web based electronic order & file transfer system for Canadian mutual fund companies and dealers with Java Servlet/JDBC.
- Maintained web portion of PL/SQL code for clear & settlement and order transactions.
- Designed/Implemented API for a N-tier inquiry distributed system through TCP/IP network in Java with (Talarian)TIBCO SmartSockets.
- Created various authentication and report generating utilities through LDAP attributes lookup for Public Key Infrastructure project site.
- Implemented load-balancers for Apache JServ and WebLogic.
- Developed automated testing scripts.
- Recruited core developers with technical interviews.

Ryerson Polytechnic University, Toronto, ON., <http://www.ryerson.ca/>

Computer Science Teaching Assistant, 1998 January - 1998 December, Part-time

CPS 109: Computer Science I - Java . CPS 125: Digital Computation and Programming

- Ran tutorial sessions for students in Computer Science and Electrical Engineering.
- Graded labs, tests and exams for students.
- Provided assistance to students in C and Java with topics of: language fundamentals, standard I/O, data structure concepts and algorithms.

BrainChild Education, Markham, ON., <http://www.brainchild.org/>

Software Developer / System Analyst, 1991 July - 1998 August, Contract

- Developed scripting language for building computer assisted learning software.
- Designed/implemented a 2D graphics/sound/animation engine.
- Created a package of copy-protection utilities to prevent software piracy.
- Ported DOS based educational software to Windows platform using Visual Basic.
- Wrote graphical front-end Java applets and utilities.
- Created computer graphics and animation in support to the educational package.

SkyInternet International Inc., North York, ON.

Web Developer, 1995 December – 1996 December, Contract

- Built client web sites with HTML and JavaScript.
- Developed customized product search engine with CGI in Unix shell scripts & C.
- BSDi/FreeBSD Unix System installation & Configuration.
- Created web graphics and retouched photos with Adobe Photoshop.

IBM Canada Ltd., EduQuest Division,

On Site @ Etobicoke School Board of Education, Etobicoke, ON., <http://www.ibm.ca/>

Warehouse Supervisor / Network Technician, 1994 July – 1994 September, Contract

- Managed technicians and physical inventories at client warehouse.
- OS/2 LAN Server/Workstation Installation, configuration and testing.
- On-site post-installation support and TCP/IP based Wide Area Network implementation.

Other Projects:

- <http://www.2qvideo.com> - technical consultant and deployment for retail video rental site
- York Region EMS - web application analysis
- Pro Tax Realty Advisors Inc. - customized office database tools development
- <http://www.oaa.on.ca> - Web Application migration from FreeBSD to Linux with MySQL
- WildLife Tetris featured in DOS Museum <http://demu.org>
- <http://racestats.felixwu.com> – marathon race results stats analyzer

Affiliation & Activities & Hobbies

- 2010, Marathon Maniacs Official Member ID [3328](#)
- 1996 – 1998, Ryerson Polytechnic University, Computer Science Programming Club, Member/ Selected Contestant
- 1997 – 1998, Ryerson Polytechnic University, Taiwanese Students Association, VP External
- 1994 – 1995, University of Western Ontario, Taiwan Mandarin Students Association, Art Director
- 1990 – 1994, Lester B. Pearson Collegiate Institute, Pearson Network Computing Club, Network Support Manager
- Hobbies - arts & crafts, amphibians & reptiles, insects, cycling, drawing, fishing, coding, nature photography, reading, running / marathon, skating, video games

References will be available upon request, recommendations available on [linkedin](#)