

IVAN WAN

9400 No 2 Road, Richmond, B.C. Canada V7E 2C8 Phone: (604) 518-8567 Email: iwan@telus.net

Career Objective

To pursue a challenging and rewarding software development career

Education

- Sept 1998 - **Bachelor of Science in Computing Science**
may 2003 *Simon Fraser University, Burnaby, B.C. Canada*
- May 1997 - **Diploma in Telecommunication Trade Training**
july 1998 *British Columbia Institute of Technology, Burnaby, B.C. Canada*
- Sept 1995 - **Certificate of Electronics Common Core Program**
april 1997 *British Columbia Institute of Technology, Burnaby, B.C. Canada*

Computer skills

Languages

- C, C++, Visual C++
- Java, Java EJB, J2EE
- Perl CGI
- Visual Basic/VBA
- Lingo, Assembly

Operating System

- Windots NT/2000/98 Me/XP
- Unix (Solaris 8)
- DOS

Multimedia

- Macromedia Director 7 (Lingo)
- Macromedia Flash 5.0/MX
- Macromedia Premiere
- Adobe Photoshop

Web Applications

- Java EJB gulider/JSP J2EE/XML
- Perl Bulider 2.0
- FrontPage HTML
- JavaScript, Java Servlet
- Dreamweaver, MySQL

Networking

- TCP/IP Protocol
- ATM
- Frame Relay
- SONET
- X.25 packet system

Database

- ODBC, JDBC
- Mirrosoft Access/SQL Server
- E-R Modeling
- MySQL

System Design

- UML Rational Rose

Telecommunication skills

Wireless Communication

- SSB
- CB radio
- Microwave
- Satellite

Multiplexing

- T1, T3 Multiplexing
 - NEC RIC 25
- Multiplex System
 - Newbridge 3600

PBX System

- NEC E-PRO I, II
- NEAX 2000IVS

Soldering Skill

- PACE accredited training
 - Basic Thru-Hole Rework and Repair

Cabling Skill

- Fiber Optic, Cat 5 OTDR
- Fluke DSP 1000, 2000
- Wavetek Lanwav

Mobile Technology

- I-mode, WAP
- TDMA, CDMA, GSM
- PKI, WPKI

Work Experience

- Mar 2004 - present **Flowers By Kelly (Kam Ngai Orchid)**, Delta Pinnacle Hotel Vancouver, BC
E-commerce Developer (www.kamngai.com)
- Develop online payment processing solution via VeriSign Paylink System authorization
 - Implement online shopping cart using Perl and design customer web interface by using HTML, Flash and Photoshop
 - Maintain system and update product list
- Nov 2003 - present **HSBC Bank Canada**, Fortuna House Richmond, BC
Customer Service Representative / Cash Custodian
- Providing day-to-day banking transactions and sales assistance
 - Connecting customers to the bank and providing world class services to customers
 - Responding to billing inquiries and handling branch cash
 - Supporting exchange and return transactions
- July 1996 - oct 2000 **Sing Tao Daily Newspaper** Vancouver, BC
News Reporter
- Cover news stories
 - Act as photographer, journalist and translator
 - Interview representatives from police department and three levels of government departments

Group Project Experience

- Sept 1999 - apr 2003 **Operation System Project**
- Developed student record management system using Java EJB, XML, JSP and UML diagram
 - Designed and implemented appropriate methods in EJBs, controllers bean and JSP
 - Ensured records were correctly stored into XML files
 - Earned hand-on experience on the design and implementation of Java EJB application
- Wireless Public Key Infrastructure Research Project**
- Researched on m-commerce in Canada and the need for WPKI
 - Explored the technical barriers on WAP and Japan I-mode mobile system
 - Analyzed m-commerce technology adoption life cycle in Canada
 - Interviewed with mobile industry experts regarding to WPKI development in Canada
 - Enhanced personal management skills such as multi-tasking and initiatives
- User Interface Design Project**
- Developed user interface prototype for business telephone with small touch screen
 - Applied the user interface design principles and methodologies
 - Improved interpersonal communication skills in teamwork

Volunteer Experience

- Jan 1999 - jan 2000 **UVoice Bilinguals Newspaper**, SFU Burnaby, BC
Special Event Coordinator
- Organized anti-war photo exhibition with Canada Association for Learning & Preserving the History of WWII in Asia
 - Coordinated children Chinese writing contest with organizations
 - Acted as assistance of the President and VP