

# Ying Zhang

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## WORK HISTORY

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Sep 1999 to Present      **Contract Web/Database Developer**

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Provide web/database and electronic commerce services to customers. Projects include:

- developing a web-based resource management system for scheduling field operators
- developing E-Commerce sites

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Jan 1999 to Sep 1999      **BC Tel Operations Planning and Implementation**

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Responsible for Unix administration; web-database development; and providing support and solutions to the BC Tel Provincial Network Operations Center:

- developed and delivered various web-database Intranet solutions
- worked on projects to port Windows based applications to being web-based
- administering Unix environment (including HP/UX, Solaris, SunOS, AIX, Linux)
- administering Windows NT server environment (SQL Server, IIS)

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May 1997 to Present      **MicroComputer Facility Helpdesk Analyst**

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Responsible for providing support to staff/students, and maintaining the Distributed Computer Facility labs at Simon Fraser University. Some duties include:

- end-user application support
- setting up NT and Macintosh machines to run on the Novell NetWare network
- maintaining and troubleshooting network, hardware, and software problems
- developing and maintaining the DCF Online homepage (<http://dcfonline.sfu.ca>)

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Feb 1997 to May 1997      **Web Site Designer**

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Designed and maintained the web sites for Campus Community Services and Residence and Housing departments at Simon Fraser University.

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May 1996 to May 1998      **Information Technology Helpdesk Analyst**

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Responsible for providing helpdesk support at Chevron Canada Limited. Responsibilities included:

- end-user support, troubleshooting hardware and software problems
- installing, configuring, and maintaining WFW, Win95, NT workstations
- NT network administration, database administration, Intranet development
- developed the procedure to migrate company's PCs to Windows 95

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May 1995 to Apr 1996      **Student Aid**

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Responsible for maintenance of computers used by disabled students, scanning and converting textbooks into text and Braille for visually impaired students at Simon Fraser University.

## EDUCATION

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1994 to Present      **Simon Fraser University**

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Currently enrolled in fourth year, pursuing a Joint Major (B.Sc.) degree in Business Administration and Computing Science.

1989 to 1994

## Sir Winston Churchill Secondary

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Graduated with Honors standings, received Outstanding Achievement award in Computing Studies 9/10/11, and received book award in Accounting 12.

## COMPUTER SKILLS

### Operating Systems

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- MS DOS, Windows 3.1, Windows 95/98, Windows NT 4.0 (workstation and server)
- Linux, SunOS, Solaris, HP/UX, AIX, IRIX
- Experience with MacOS 7.5, 8.5

### Web

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- HTML, JavaScript
- Server side scripting and database integration with PHP, ColdFusion, Perl
- Administering Apache, Microsoft Internet Information Server, Netscape Enterprise Server

### Programming

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- C, C++, Java, Modula-2, Turbo Pascal, Visual Basic
- Perl, Unix shell scripts (Korne, Bourne), Expect

### Database

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- SQL (DDL, DML, DCL)
- SQL Server, MySQL
- Experience with Oracle, Access, PostgreSQL

### Networking

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- NT, Unix administration and integration
- TCP/IP Protocol Suite
- Unix Security and firewalls

## COMMUNITY ACTIVITIES

I have been practicing martial arts with the Shung Ying Kung Fu club since 1994. We have performed at numerous festivals, demonstrations and competitions. I am also on the Molson Big Wave Dragon Boat team.

## INTERESTS

I enjoy exercise and physical activities. I have a weekly routine that consists of running, swimming, and working out. My favourite outdoor activities are snowboarding, skiing, and playing tennis. I also like to play sports such as basketball, volleyball, and baseball.

From an early age, I have been around computers and enjoyed using them. I like to upgrade my computer, try out new hardware and software, and I like to write my own programs. I like to stay connected, through Bulletin Board Services (BBS) and the Internet.

When they were popular I used to run my own BBS. Now I like to write howto guides that help people setup things on their Linux boxes (mail, Samba, font server, etc.). I publish these on my website have received numerous responses from people all over the world thanking me for the pages.