# TERENCE W. LO

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## SKILLS SUMMARY

- Excellent organizational and analytical skills
- Adept at quickly learning and applying new technologies
- Enthusiastic, creative and flexible
- Able to work well both independently and in a team environment

## COMPUTER PROFICIENCY

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|---|---|
| **Languages** | Java, C/C++, Modula-3, Pascal, Softbridge ATF, Assembly (DLX), SQL, MIT Scheme |
| **Web Technologies** | PHP, PERL, MySQL, Active Server Pages (ASP), Java Server Pages (JSP), DHTML, MS Site Server, MS IIS, MS SQL Server 2000, Apache Web Server, ChartFX |
| **Operating Systems** | Windows 9X/NT/2000/XP, UNIX, OS/2, DOS, MAC OS |
| **Cryptography** | Stream Ciphers, Feistel Networks, Block Ciphers, WEP, DES, SHA-1, RSA |
| **Miscellaneous** | Microsoft Office, WordPerfect Office Suite, Jasc Paint Shop Pro, Adobe Acrobat, Ultraedit, Macromedia HomeSite, SoundForge |

## WORK EXPERIENCE

**Software Engineer**
NVIDIA Corporation, Santa Clara, California (Jan - Apr 2001) and (Sep - Dec 2001)
- Developed graphical dashboard reporting applications for executive management
- Architected entire web-based mobile tracking system for QA and Mobile Groups
- Developed reporting tools for tracking extranet/partner site statistics
- Implemented server components for a label printing and visitor tracking app
- Designed and ported sales forecasting system from a legacy system to a web-based implementation

**Java/E-Commerce Developer**
Telisoft, Toronto, Ontario (May - August 2000)
- Developed JAVA application for the graphical reporting portion of the Traffic Measurement Reporting System (TMRS) for AT&T Canada.
- Designed and implemented the company Intranet and Internet Sites

**Internet/E-Commerce Developer**

Telisoft, Toronto, Ontario (September - December 1999)
- Created PERL web application for Rogers Security for managing their Intranet
- Developed various server-side components using technologies: HTML,MS SQL 7, ASP, and Site Server for the Date Exchange E-Commerce Project
- Researched and implemented a Virtual Private Network (VPN) using PPTP

**Automated Testing Specialist**

Canada Trust, London, Ontario (May - August 1998) and (January - April 1999)
- Automated testing scripts using Softbridge ATF for regression testing of client-server applications
- Demonstrated ability to work well independently with minimal supervision

## EDUCATION

**University of Waterloo, Waterloo, Ontario (September 1997 - April 2002)**

- Candidate for Bachelor of Mathematics in Honours Computer Science, Co-operative Program
- Relevant courses: Database Systems, Information Systems Management, Applied Cryptography, Algorithms, Artificial Intelligence, Organizational Behavior Management

## ACHIEVEMENTS

- $3000 Harvey F. Sullivan University Scholarship Recipient, Academic Excellence and Community Service (1997)
- Descartes Math Contest: ranked in top 25 percent of all contestants (1996-97)
- Grade 9 Pianoforte, Royal Conservatory of Music (1995)
- Silver Medal for highest standing, Grade 8 Pianoforte, Western Ontario Conservatory of Music (1993)
- $250 Elva Maria Wiltsie Piano Scholarship (1993)

## INTERESTS

- Entrepreneurs Association of the University of Waterloo
- University of Waterloo Badminton Club
- Mountain biking, Tennis, Badminton, Weight-Training, Photography, Writing, and Composing Digital Music