

# TERENCE W. LO

Permanent Address: 43 Rexway Road • London, Ontario • N6G 3C2 • (519) 471-2425

University Address: 200 Westmount Road N • Waterloo, Ontario • N2L 3G4 • (519) 725-7466

E-mail: tlo@myrealbox.com

## SKILLS SUMMARY

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- 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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<b>Languages</b>	Java, C/C++, Modula-3, Pascal, Softbridge ATF, Assembly (DLX), SQL, MIT Scheme
<b>Web Technologies</b>	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
<b>Operating Systems</b>	Windows 9X/NT/2000/XP, UNIX, OS/2, DOS, MAC OS
<b>Cryptography</b>	Symmetric-key encryption, Hash functions, Public-key encryption, Signature schemes, Pseudorandom bit generation
<b>Miscellaneous</b>	Microsoft Office, WordPerfect Office Suite, Jasc Paint Shop Pro, Adobe Acrobat, Ultraedit, Macromedia HomeSite, SoundForge

## WORK EXPERIENCE

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### 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
- Created 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**

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### **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 Behaviour Management

## **ACHIEVEMENTS**

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- \$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)

## **EXTRACURRICULAR ACTIVITIES**

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- Don of Residence, Renison College (University of Waterloo) (2001)
- Entrepreneurs Association of the University of Waterloo (2000 - 2002)
- University of Waterloo Badminton Club (1998 - 2002)
- Mountain Biking, Tennis, Badminton, Weight-Training, Photography, Writing, and Composing music