

EDUCATION

- Degree** ● **University of Toronto, Honor B.Sc. (Software Engineering) - Expected in June 2007**
- Related Course** ● Data Structure & Analysis (A- / Course Avg.: C), The Business of Software, Requirement Engineering, Operating System (A-), Communication Skills for Computer Scientists, Software Engineering, Software Architecture & Design, Software Test & Verifications, Project in CS, Intro to Artificial Intelligence

SKILLS & KNOWLEDGE

- Programming** ● Java, C++, C, Python, Perl, Prolog, Scheme, Javascript, Unix Shell Scripts, XML, XHTML, HTML, CSS, DOM, Java Applets, Java Servlets, JDBC, SOAP, WSDL, JSP, SQL
- Software Tool** ● Eclipse(Java, C++, Python), MS VC++, Office, Visio, Project, vi, Adobe Studio, Photoshop, Jude Community, Gantt Project, CVS, UnitTest, GDB, Apache, Tomcat, Windows 98/2000/XP, UNIX
- Knowledge** ● Computability and Complexity, Data structures & implementation, Algorithm Design, Artificial Intelligence, UML, Design Patterns, OO Designs, Usability, Prototyping, Requirement Engineering, Project Management, CMM, IEEE Standard Specification Templates and Guidelines, Modes of Reasoning
- Natural Language** ● Read/Write/Speak **English, Japanese, Mandarin, Cantonese**

SOFTWARE ENGINEERING EXPERIENCES

- 2005 - 2006** **Software Engineer & Project Manager Assist., SEIKO-EPSON Corp. Japan**
- ➔ Initiated internal investigations on current software development process, published 3 internal guidelines for improving the current process, resulted in 20% gain in management efficiency.
 - ➔ Examined the current SRS and SPMP templates published internally by SEIKO-EPSON, revised the set of templates, resulted in 20% gain in the precision of communication
 - ➔ Researched & published internal reports for open-source web application frameworks & debugging methodologies, resulted in potentially \$4000 decrease monthly of development & maintenance costs
 - ➔ Reviewed the SRS, UI, StateChart and Activity diagrams for the next generation of network printer management system, resulted in reducing redundant states and flows of the system by 40%.
 - ➔ Authored the SRS, designed, coded, tested a software system that reads and writes MIB information stored on network devices using SNMP, resulted in a fully functional system as required.
- 2002 - 2005** **www.forstune.com, Web Developer, Forstune Shoes Ltd**
- ➔ Specified, designed, coded, and tested an interactive information website, hosted web advertisement on Google, resulted in an overall 20% monthly gains of the company customer base
 - ➔ Managed the website while taking 5 university courses, localized technical Mandarin documents into English, resulted in 20% gains of customers who seek for advance manufacture services

LEADERSHIP EXPERIENCES & RELATED ACADEMIC PROJECTS

- 2006** **Software Research Developer, DrProject, University of Toronto**
- ➔ Maintained, enhanced a web-based project management system inherited from Trac, resulted in the UI of DrProject being consistent and ensuring the database connection is never lost.
 - ➔ Gathered requirements from clients, designed, coded, tested a documentation integration extension for DrProject, resulted in Javadoc & Pydoc being fully integrated with search/tag/browse capability
- 2004** **SmartPark, Team Lead, The Design of Interactive Computational Media**
- ➔ Established meeting, survey protocol, managed individual tasks, led a team of 5 to develop an user-centered interactive parking system for vehicles, resulted in project meeting the deadlines
 - ➔ Designed the high level concepts and a high fidelity prototype in Flash, resulted in project being entered the final of the Interactive Computational Design competition

HONORS & AWARDS

- 2004** **Rhea V. Scott Scholarship, UofT** ➔ Awarded for academic excellence
- Dean's List, UofT** ➔ Awarded for 2+ year student with CGPA > 3.00
- 2003** **Golden Key International Honor Society**
- ➔ Awarded to the top 15% of the students in each faculty

INTEREST

- Commerce** ● Financial Planning, Investment (International Stocks & Mutual Funds)
- Readings** ● Philosophy(Arguments, Logics, and etc.), Fiction (Suspense, Mystery), Project Management, Leadership, Biography, New Technology Information and Research Papers, New Programming Methodologies and Techniques
- Others** ● Japanese and Chinese History and Moral Theories, Renaissance Architectures, Traveling, Basketball, Baseball