

SKILLS SUMMARY

- Extensive technical experience in Java (Java SE & Java EE), C#, Scheme, C, C++, SQL, with some experience in Objective-C, ASP, and HTML/CSS/Javascript/JQuery.
- Experience in technical writing through drafting technical and functional designs for software projects, with an interest in user experience.
- Strong leadership skills in management and delegation demonstrated through administrative roles in extracurriculars.
- Outstanding interpersonal, oral and written communication skills.
- Creative problem-solving skills through previous job experiences.

WORK EXPERIENCE

August 2010 - Present

- **Application Developer/Technical Product Manager,**
NexJ Systems, Toronto, ON, Canada
 - Drafting technical designs for new features based on given functional requirements in a lead developer role for a CRM product targeted at the financial, health and insurance industry verticals.
 - Creating business and data models, as well as presentation layer designs for use in model-driven functional programming.
 - Coding Scheme scripts for enterprise application development using an internal framework.
 - Analyzing, investigating and implementing fixes for bugs found in maintenance releases.

September 2009 - August 2010

- **Software Engineer,**
Volanté Systems, Toronto, ON, Canada
 - Developed for a Java Swing Point-of-Sales software system used in the hospitality industry.
 - Led development in new software application for iOS in Objective-C.
 - Designed and implemented a self-service kiosk user-interface for a POS system targetted at food service customers.
 - Created interfaces for an enterprise-grade system with Microsoft SQL Server and Sybase SQLAnywhere.
 - Communicated and supported clients and vendors on new software features.

August 2008 - December 2008

- **Interim Engineering Intern, Windows Mobile OS Team,**
Qualcomm Incorporated, San Diego, CA, USA
 - Designed, developed, implemented, and tested a GUI software tool that provides a visualization of memory allocations in a Windows Mobile build using C# and WPF in a .NET environment.
 - Supported the software project for its use in other teams in the company.

August 2007 - December 2007

- **Interim Engineering Intern, CDMA 2000 Data Services Software Developer,**
Qualcomm Incorporated, San Diego, CA, USA
 - Assisted in code changes in C to perform CPU profiling estimation on an embedded device.
 - Enhanced Broadcast Services embedded software functionality in C++ based on new requirements.

January 2007 - April 2007

- **Software Developer - Device Group,**
Epson Canada Ltd., Scarborough, ON, Canada
 - Drafted project plan and documentation according to customers' requirements.
 - Researched and developed image content detection algorithms by using image processing techniques in C and C++.

ACTIVITIES & INTERESTS

May 2008 - August 2008

- **Editor-in-Chief,**
[The Iron Warrior](#), University of Waterloo, Waterloo, Ontario, Canada.
 - Reviewed and edited all articles and submissions for one of the most recognized student

- publications in Canada.
- Made decisions to content selection and delegation of assignments.
- Chaired weekly editorial board meetings and advisory board meetings while acting as the official representative of the newspaper.
- Oversaw funds and kept track of the budget.

**May 2008 -
August 2008
/
January 2009
-
April 2009**

- **Director,**
Engineering Jazz Band, University of Waterloo, Waterloo, ON, Canada
 - Responsible for bringing the band outside of its faculty, making it recognized across campus and was able to secure funding from various sources
 - Recruited and coordinated members in the band.
 - Contacted external groups and served as a liaison for the band.
 - Scheduled and organized rehearsals and performances.
 - Represented and promoted the band's events to the community.

**May 2005 -
April 2009**

- **Director,**
University of Waterloo Engineering Society, Waterloo, ON, Canada
Over 20 positions held, highlights:
 - Webmaster (May 2005 - April 2009):
 - Updated website regularly to inform students of upcoming events and various listings.
 - Assisted groups affiliated with Engineering Society for web services, such as Engineering Federation Orientation Committee.
 - Student Life 101 Director (May 2007 - August 2007, May 2008 - August 2008)
 - Planned and organized a competition with various first-year engineering classes for prospective students.
 - Shadow Day Director (January 2008 - April 2008)
 - Coordinated with the Faculty of Engineering and volunteers to organize an event to showcase the school to prospective students.

- **Founder and Music Director of HitzRadio.com** - one of the biggest Internet radio stations with millions of tune-in hours per month.
- **Volunteered at North York Harvest Food Bank in 2010 Thanksgiving Food Drive.**
- **Volunteered at Heart & Stroke Foundation's Ride for Heart in 2010 and 2011.**
- **Volunteered at The Ride to Conquer Cancer in 2010 at Toronto.**
- **Volunteered at Artwalk on the Bay in 2008.**
- **Orientation Week Leader at University of Waterloo in 2005 and 2006.**
- **FIRST Robotics Pit Announcer in Waterloo and Greater Toronto Regionals in 2006.**
- **Playing in intramural Volleyball and Floor Hockey teams**
- **Royal Conservatory of Music: Grade 8 Piano, Grade 2 Rudiments**
- **Travelling, tweeting, political activism, food/cooking, coffee, blogging, concerts, TV and movies, playing Rock Band 3, foosball.**

EDUCATION

**September
2004 -
April 2009**

- **Bachelor in Applied Science (BASc) Honours Computer Engineering Co-Operative Program**, University of Waterloo, Waterloo, Ontario, Canada
Relevant courses: User Interfaces, User-Centred Designs, Component-Based Software Engineering, Introduction to Cognitive Science
Relevant projects: Designed and implemented various user interfaces in Java Swing and X11 using the MVC model; Developed a social-based media-lending system using an n-tiered architecture with Java EE, MySQL and JBoss; Developed a Java-based system with MySQL for inventory management in a food establishment using RFID technology; Implemented a VoIP application using SIP protocol with Java Swing

AWARDS

- **Paul Plummer Award**, University of Waterloo Engineering Society "A"
Most coveted and prestigious award presented by the society, presented to those who "contributed to the benefit of the Engineering Society in such a manner to be outstanding and commendable."
- **President's Award**, University of Waterloo Engineering Society "A" & "B"
Given to students who made positive and lasting contributions to the society. Received the award twice.