

Jun Carlo V. Esmores

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SKILLS SUMMARY Extensive background in web development from CSS and Javascript debugging to AJAX implementation and web design.
Large scale Java enterprise application development.
Exposure to common software development practices in a variety of business environments.
Motivated learner, able to quickly acquire new skills and knowledge to achieve goals.

EDUCATION **University of Waterloo**, Waterloo, Ontario, Canada

Bachelor of Computer Science, Bioinformatics Option, September 2008

Course Highlights

- **CS454–Distributed Systems** Design and implementation of distributed, connected computer systems.
- **CS442–Programming Languages** Functional programming and language design. Lambda calculus, Scheme, Haskell, Smalltalk and others.
- **CS486–Artificial Intelligence** General concepts and theory in AI. Assignments done in Python as learning effort.
- **CS350–Operating Systems** Operating system fundamentals. Heavy exposure to C++ for project work.
- **CS349–User Interfaces** User interface design and implementation. C++ Xlib programming and Java Swing API.

WORK EXPERIENCE **Sandvine Incorporated**, Waterloo, ON

Java Software Developer

2007 Summer Co-op Term

- Feature implementation and testing on a large-scale data warehousing J2EE application built on the JBoss application stack.
- Monitored and updated unit tests written in TCL in conjunction with the Java development effort.
- Worked as part of a large team of developers in a highly organized environment.

Mindblossom, Toronto, ON

Web Developer

2006 Fall Co-op Term

- Frontend development for **Home Depot–DIY**, an AJAX enabled commercial web application built on the IBM Websphere Server framework.
- Used the MapQuest XML Services API to integrate mapping functionality into the DIY application.
- Worked with a small core team of developers and project managers in an intense business environment to complete and launch projects for high-profile clients.

University of Waterloo, Applied Health Sciences, Waterloo, ON

Computing Consultant

2006 Winter Co-op Term

- Management of the AHS undergraduate computer labs, providing support for the computing office, helping students and faculty with technical problems.
- Learned AJAX by volunteering to create a knowledgebase application for the AHS computing office.
- Held seminars for students and faculty about a variety of computing topics.

Web Assistant

2005 Spring Co-op Term

- Rewrote the AHS faculty webpages to follow the 2005 UW Common Look and Feel layout, which promotes XHTML 1.1 compatibility and accessibility.
- Trained content managers from faculty departments to streamline the process of updating pages using tools such as Macromedia Contribute.
- Developed a Flash banner for the new [Kinesiology Department](#) homepage, which supports simple content updates via XML resource files.

Operation Dialogue, Toronto, ON

Web Developer

2004 Winter and Fall Co-op Terms

- Maintenance and administration of a PHP/MySQL driven online quiz system for the [Talk About Canada](#) scholarship contest.
- Provided technical support for students participating in the Talk About Canada contest.
- Content updates on static html pages for both Operation Dialogue and its affiliate sites.

TECHNICAL
SKILLS

Web Development

Compliant XHTML, CSS, Javascript, AJAX with Prototype and JQuery
PHP, JSP, and just a little bit of Django

Programming Languages

Full object-oriented software development with Java, C++, Python
Some exposure to TCL, Ruby, and low-level C programming

Operating Systems

Mac OS X, Windows XP, Linux

ACTIVITIES

Website Coordinator, Math Graduating Committee
Software group, UW Networked Robotics Design Project
Member, UW Computer Science Club
Member, UW Game Development Club
Drawing and digital painting, Japanese-style animation art
Playing piano and guitar