

# RYAN ALBRECHT

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## Technical Skills

# Programming Concepts & Design Patterns

- Large projects using a Model-View-Controller design, Event Driven Design, XNA
- Object and Prototype based inheritance, dynamic data structures
- Semantic standards compliant markup, accessibility (WCAG & Section 508) & separation of concerns
- UML modelling using Visio, StarUML, System Architect
- Familiar with IDE's such as Eclipse, Visual Studio, jDeveloper, jEdit
- The major operating systems: Mac OSX, Debian Linux (Ubuntu), Windows,

## Specific Language Experience

- Web development with PHP (CakePHP, FMBL), ActionScript 3, J2EE Servlets and JSP's, ASP.NET, 'classic' ASP
- Desktop programming with Java, C# (.Net), Visual Basic 6, VBA, and C/C++
- Scripting in languages such as JavaScript (jQuery, Prototype), Bash, Python, and Perl
- Database through MySQL, Oracle PL/SQL, and MS Access

## Soft Skills

- Strong analytical skills
- Passion for problem solving; a creative, outside-the-box thinker
- Work well as a leader or a member of a team
- Comfortable presenting and speaking in front of groups
- Quick learner
- Organized and punctual

## Employment History

## Web Application Developer

## A51 Integrated

April 2010 - Present

- Build out dynamic and functional web applications for clients using the latest web technologies
- Configure and maintain internal development and versioning servers

## Casual Games Developer

## Clipwire Games

May 2009 - March 2010

- Develop and integrate all tiers of our games; including database schema, socket servers, interactive action script, front-end web chrome
- Built and maintained in house admin tools for our most frequently updated games
- Use Facebook markup (FBML) to create viral funnels and player-to-player experiences
- Internationalized all tiers of our main ActionScript game for the french market

## Web Developer Consultant (Co-op)

Indellient

May - Aug 2008

- Tested web standards compliance against production websites
- Responsible for changes in accessibility and web standards compliance in order to improve the experience for users with screen readers
- Adding and updating content for a huge multilingual web site on a daily basis

## Information Management Developer (Co-op)

IESO

Sept - Dec 2007

- Adding functionality and value to existing executive reports

- Creating new financial project reports, project management tracking interfaces and summaries that integrate with existing systems

Intranet Developer (Co-op)

Fugro Airborne Surveys

Jan - Apr 2007

- Created, debugged and added functionality to internal business systems running ASP and backed by MS Access databases
- Assisted in debugging aspects of the public facing website
- Researched large migration from 'classic' ASP to ASP.NET leveraging Active Directory

## Education

Sheridan College

Sept 2005 - Dec 2008

- Computer Science Technology Co-op Diploma with High Honours, Sheridan College Institute of Technology and Advanced Learning, Oakville, ON
- Winner ACES program advisory committee Capstone Project
- Courses including Advanced Games Design Programming, Java Enterprise Application Development, Database Administration & Security, Operating System Tools & Scripting, various mathematics/statistics, project management, etc

York University

Sept 2004 - Apr 2005

- Completed two undergraduate semesters at York University in Toronto, ON
- Took a variety of classes including Introduction to Computer Science, Western Culture, and History of Science.

## Miscellaneous Activities & Interests

- Taking classes in an effort to learn German through the Toronto Goethe Institute of German
- Adamant Snowboarder
- Pursuing my musical appetite by playing drums since late 2004
- Hockey player since I was 6 years old; getting into my skates as long as there is ice

last modified on: July 05, 2010

[http://ryanalbrecht.ca/albrecht\\_ryan\\_resume.html](http://ryanalbrecht.ca/albrecht_ryan_resume.html)