

RYAN ALBRECHT

53 Campbell Ave. Unit 2, Toronto, ON M6P 3T9 Canada

Cell: 416-818-5915

ryan@ryanalbrecht.ca

Online

ryanalbrecht.ca
GitHub
Stack Overflow

FreshBooks
LinkedIn

Technical Skills

Programming Concepts & Design Patterns

- Large projects using a Model-View-Controller design, Event Driven Design
- Object and Prototype based inheritance, dynamic data structures
- Semantic standards compliant markup, accessibility (WCAG & [Section 508](#)) & separation of concerns

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 FreshBooks Apr 2011 - Present

- Write PHP, Javascript, CSS, HTML and Python routines in order to create seamless, delightful interfaces for FreshBooks' customers. Features are built not just with a careful eye towards speed and browser compatibility, but care taken to ensure that our user base can opt-in any anytime to the latest code path.
- Completely implemented Backbone.js based UI widgets such as our nested-category dropdown interface, from the new db schema, private api and backend rules, to the front end html code. Making sure to maintain the existing behaviour for existing users.
- Myself, along with the entire front-end team worked tirelessly to overhaul our legacy PHP codebase in order to refactor and add test coverage to the app.
- Adding test coverage to our JavaScript codebase as it's rewritten from a series of jQuery plugins and snippets to more interactive Backbone widgets.

Web Application Developer A51 Integrated Apr 2010 - Apr 2011

- 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 - Mar 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

- Walking my dog Kali through the park
- Enjoy plenty of fine food and beverage, never too much of a good thing
- Adamant snowboarder and bicycle rider
- Hockey player since I was 6 years old; I get into my skates as long as there is ice
- Taking classes in an effort to learn German through the Toronto Goethe Institute of German

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http://ryanalbrecht.ca/albrecht_ryan_resume.html