

David Owen-Frederic Watkins

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Skills & Proficiency

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|--------|---------------------------------------|---------------------------|-------------------------|
| ❖ Java | ❖ Javascript (jQuery, Backbone, etc.) | ❖ Android (Java) | ❖ MySQL |
| ❖ PHP | ❖ MVC | ❖ WordPress (Plugin Dev.) | ❖ Python (Django, etc.) |

Education & Relevant Courses

Champlain College, Burlington, VT – Graduated May, 2013 (*magna cum laude*)
Bachelor of Science in Computer Information Technology; Minor in Web Development

- **Implementing Web E-Commerce Technology:** web development skills applied to team-based, hands-on work for a local business' e-commerce website
- **Product Management & Team Leadership:** project and product management techniques for defining scope, identifying measurements of performance, understanding project specifications and assumptions, etc.
- **Server-Side Scripting, Server-Side Alternatives, and Using ASP:** server-side web development using the Perl, PHP, Python, Ruby, and ASP.NET languages
- **Relational Databases & Web Applications and Database Systems:** DBMS's and SQL; techniques and best practices for designing, maintaining, and administrating database systems
- **Java Programming and Software Systems Analysis & Design:** introductions, best practices, and design patterns for object-oriented programming in Java and C#
- **Intro to Networking & Security, Computer & Network Security, and Network Design:** common networking techniques, topologies, security vulnerabilities, and security measures
- **Information Systems, and Enterprise Architecture:** IT's impact on business efficiency in areas of information systems and establishing an enterprise architecture using TOGAF

Work Experience

- Software Engineer at Zenput, San Francisco, CA (December 2013 – Present)
 - Front- and back-end development in Backbone JS, Django Python, MongoDB, MySQL, etc.
 - Worked with a small team on a variety of features using the Scrum software development framework
- Back-end Web Developer for Access Burlington, Burlington, VT (December 2012 – November 2013)
 - Created WordPress plugin to manage, add, remove, and edit listings in database
 - Implemented basic database search functionality
- IT Support Assistant at Champlain College, Montréal, Canada (September 2011 – December 2011)
 - Troubleshoot various problems with on-campus lab PCs
 - Coordinated technological requirements with Champlain campus in Burlington, VT
- Web Product Development Intern at Bankruptcy Management Solutions, Inc., Irvine, CA (July 2011 – August 2011)
 - Client-side web production in HTML and Javascript and jQuery
 - Basic server-side work with Java Server Faces (JSF)
- Tech Support Helpdesk Assistant at Bankruptcy Management Solutions, Inc., Irvine, CA (June 2010 – August 2010)
 - Troubleshoot technical problems for customers via telephone and remote desktop
 - Removed malware, improved system performance, and installed company software
- Web Developer at NYC Café, San Juan Capistrano, CA (2010)
 - Constructed website with basic HTML and CSS; collaborated with owner to design optimized layout

Additional Experience and Awards

- **Capstone Project:** functional "proof of concept" for an online housing registration web application (2013)
- Submitted a proposal to Champlain College for an **online housing registration web application** (2013)
- **Rescroller:** extension for Google Chrome for customizing the appearance of webpage scrollbars (2012)
- **Champlain College CIT Outstanding Second, Third, & Fourth Year Student Awards** (2011-2013)
- **GreenMountainMules.com** (Spring 2012): developed online trading site built on WordPress as member of team
- **Champlain College Shuttle Tracker for Android:** displays campus shuttle locations in real time and provides schedule information (voluntary; personal project)