

David Owen-Frederic Watkins

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Skills & Proficiency

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|----------|-----------------------|-----------------------------|-----------------------|
| ❖ Java | ❖ Android (Java) | ❖ Javascript (jQuery, etc.) | ❖ PHP (CakePHP, etc.) |
| ❖ Python | ❖ WordPress (Plugins) | ❖ SQL | |

Education & Relevant Courses

Champlain College, Burlington, VT – Graduated May, 2013 (*magna cum laude*)

Bachelor of Science in Computer Information Technology; Minor in Web Application 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

- **Back-end Web Developer for Access Burlington**, Burlington, VT (December 2012 – Present)
 - 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 (2008 – 2010)
 - Built nyccafesajuan.com website using HTML and CSS; helped design optimized layout
 - Communicated and collaborated with business owner

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)
- **Champlain College Computer Information Technology Outstanding Fourth Year Student Award** (April 2013)
- **Champlain College Computer Information Technology Outstanding Third Year Student Award** (April 2012)
- **Champlain College Computer Information Technology Outstanding Second Year Student Award** (April 2011)
- **GreenMountainMules.com** (Spring 2012): developed online trading site built on WordPress (team-based)
- **Champlain College Shuttle Tracker for Android:** displays campus shuttle locations in real time and provides schedule information (voluntary; personal project)