

# Brice Bentler

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## Personal Profile

- Pursuing a position in the Software Engineering industry.
- 2011 Certificate in Applications Development, Renton Technical College: 3.99 GPA. Course work included PC Hardware & Networking, Web Design, and Web Graphics, C #Programming, Applied Database Development, Software Testing, and Leadership/Teamwork in Systems Analysis.
- Currently working full-time as a Software Developer at Julep Beauty where I maintain their store using Magento, in addition to implement services and APIs using PHP, MySQL and Silex.
- Originally on contract with Julep Beauty where I was building blogs and web applications using WordPress, HTML, LESS, JavaScript, & MySQL.

## Experience

### Professional Experience

- Set up databases for online usage such as website storing & retrieval of information (personal information, passwords, etc.).
- Have experience with the following Web Programming Languages: HTML5, CSS3, JavaScript, jQuery, PHP, Ruby on Rails, ASP.NET, AJAX, WordPress, Backbone, and Angular.
- Have experience with the other Programming Languages such as: C++, C#, Java, and ADO.NET.
- Have experience with the following Relational Database Management Systems: SQL Server 2008 R2, MySQL, SQLite, PostgreSQL. I also have experience with MongoDB the leading NoSQL database.
- Have experience using command line tools in Linux (Ubuntu, CentOS, Amazon Linux) such as: Redis CLI, PHPUnit, Composer, and Node Package Manager.
- Have experience building development environments with Vagrant, Bash, and Puppet by utilizing web servers like Nginx, Apache, and Puma.
- Understand how to implement and maintain server-side daemons like Cron, Beanstalkd, Memcached, and Redis.
- Work with APIs like Facebook, Twitter, YouTube, Pinterest, and Twilio. Used to send/retrieve information and accomplish tasks such as finding all or some of a user's Facebook friends, or creating a Tweet.
- Use frameworks like LESS, SASS, CoffeeScript, Grunt, NPM, and Composer to ensure rapid application development.
- Familiar with version control using Git, GitHub, and BitBucket.
- Enjoy using web frameworks like Rails, Laravel, OpenCart, Silex, and WordPress.

## Work History

### Julep, Seattle, WA 2014-Present

Contract Web Developer

- Collaborate with designers to create new features for their website.
- Create and maintain a new Wordpress blog from scratch implementing advanced features like custom image cropping and custom post fields. A new WordPress installation was required, along with backing up and importing over 20,000 existing posts.
- Develop a WordPress plugin using PHP & MySQL to give the new blog survey/quiz functionality. Utilize JavaScript, jQuery & AJAX so there are no page loads.
- Implement and maintain a sweepstakes app using WordPress and PHP by creating a custom post type called: "sweeps". Custom URL routing is used so that each "sweeps" has it own unique "pretty address".
- Redesign the Julep Press Page using WordPress and PHP. Each post was a press release. Create a custom theme per designer mock ups.
- Web technologies used: HTML5, CSS3/SASS, JavaScript/CoffeeScript, jQuery, PHP, WordPress, and Twitter Bootstrap 2.3.2.

### Diversified Systems Group Inc, Redmond, WA 2014-Present

Contract Web Developer

- Build and manage modules for both the front and back end of OpenCart using PHP.
- Use MVC methodologies and OpenCart coding standards to ensure finished product is top notch.
- Collaborate and share code with other developers using Git and Github.
- Utilize Virtual QuickMod to cache updated versions of framework files so that all OpenCart files stay intact.
- Web technologies used: HTML5, CSS3/LESS, JavaScript/CoffeeScript, jQuery, PHP, OpenCart, AJAX, cURL, and Twitter Bootstrap 3.1.1.

### Brandbuddee.com, Bellevue, WA 2012-2014

Chief Technology Officer

- Worked with designers, development interns, and upper management to maintain and implement new features on the brandbuddee.com website.
- Managed a team of up to 6 development interns by assigning each intern tasks for a specific project, check in with them multiple times each week, and hold weekly meetings.
- Used the Twitter Bootstrap design framework to create and implement new design features and site layouts. This includes creating jQuery plug-ins from scratch and/or modifying existing ones.
- Utilized the following web languages: HTML5, CSS3, LESS, SASS, JavaScript, CoffeeScript, jQuery, Ruby on Rails, MySQL, SQLite, PostgreSQL, and MongoDB.

## **Apple Crate Marketing, Redmond, WA 2012-2013**

Senior Web Developer

- Communicated directly with clients to create and update their websites and web applications.
- Worked on a range of projects, including: sites built with a template using Wordpress, e-commerce sites built from scratch with PHP, web apps containing a login/authentication system built from scratch with PHP based MVC frameworks such as Laravel 3, and social media apps using an API to communicate with sites like Facebook, Twitter, YouTube, and Pinterest.
- Utilized the following web languages: HTML5, CSS3, JavaScript, PHP, jQuery, AJAX, Laravel, and MySQL.
- In addition to web apps, also developed applications for the Android phone operating system with Java and XML.

## **Freelance, Bellevue, WA 2004-2012**

- Developer Extraordinaire
- Built applications for Console, Windows OS, Android OS, and Web.
- Utilized C++ and C# to design and develop projects for Windows and Console.
- Utilized Java and XML to build applications for Android OS.
- Utilized HTML, CSS, JavaScript, C#, and ASP.NET to create web sites and web apps.
- Please see [www.bricebentler.com](http://www.bricebentler.com) for a highlighted list of freelance projects.

**Accomplishments, for a full list including links please visit:  
[www.bricebentler.com/#/portfolio](http://www.bricebentler.com/#/portfolio)**

### **PHP**

- At DSGI, developed a payment gateway for OpenCart that uses the ArgoFire payment provider. After creating and designing the necessary view files, wrote a controller including a cURL function that sends the customer's encrypted payment information to the provider's servers.
- Built a production report module for DSGI's OpenCart administration system. Included functionality to manage new and existing line items in an order by assigning each a status. Used jQuery UI to add the ability drag and drop line items so management can specify the order items should be produced.
- Created several different sites (e-commerce/login authentication) requiring the use of a database in the back-end. I used PHP MySQL to store and retrieve information like products or usernames.
- Also created a Content Management System geared to individuals who want a website, but have little to no programming knowledge. Users can create, update, or delete pages and navigation menu options from a back end interface that is simple to use.

## Ruby on Rails

- My position at brandbuddee.com requires using the MVC powered framework Ruby on Rails. I use it on a daily basis to maintain and push updates to the site. I recently created an "Invite Friends" feature that allowed users to find their friends on Facebook, Twitter, GMail, Yahoo! Mail, and regular email. Users can then invite those friends to the brandbuddee platform.
- Created a Micropost application (think Twitter but on a smaller scale). Visitors to the site can sign up and create posts. Users can then search for and follow other users. When a user requests a new password, an update is enabled that includes a password reset via email feature, in addition to a "remember me" at login feature. This app is currently live at: <http://post-app.herokuapp.com>.

## C++

- Wrote a console application that simulates a lunar launcher. The application uses physics formulas to simulate the movement of a small spacecraft launching off of the moon's surface, and then orbiting around the moon. The user is able to adjust the fuel flow, thus changing the acceleration and final speed of the craft. Various information was returned, including the position of the craft, fuel left, and time taken for a full orbit given the current fuel flow.

## C#

- Created a class project that set up a simple Echo Server and a Client UI. I took this a few steps further by turning it into a chat room nicknamed ChitChat. All the computers in a classroom are networked together, and each computer is given a name containing the classroom number, followed by a dash '-', and another number based on the computer's order in the classroom (1-N, where N is the total number of computers in the classroom (excluding the instructor's)). Using the ChitChat UI, a user can input a computer's ID number, and the UI will determine the IP Address. Using the IP Address, a user is able to send and receive messages to a computer in the classroom, as long as the ChitChat server was being run on that computer. I also implemented a "public" mode, where any message sent or received would be logged, displayed in a control in the UI, and then sent to each computer running the server, whereupon the message would be logged and displayed on each computer. It is essentially a chat room specifically designed for networked classrooms at Renton Technical College.
- Created a car database project that stored the information locally on the computer. A car class was initially implemented so that I could create my own "car data type" for use in the project. The class contained several different private fields including year, make, model, a constructor, a getter, and a few methods. I used Task Continuation so that the user could run multiple functions at the same time. I implemented a file stream to open and retrieve the data, and to save the write the data. Finally, I used LINQ for querying the data so that the user could do things like get the average price and get the oldest car. I left the functionality of this application very open so that it would be very easy to open and change the classes in a different project if I later needed to create a similar project using different types of data. Really, one could use this project with anything (oranges, cats, etc.).

## Java

- I have recently been getting into writing applications with the Dalvik subset of Java for the Android operating system. I have been writing them for phones, tablets, or both. For example, my morning routine with my phone was almost identical every morning. When I got on the bus, I would set my phone to vibrate, turn all the volumes down, then set the media volume at almost full and turn the screen brightness to full so that I could watch movies using my headphones. Then when I got to work, I would disable data transmissions by enabling airplane mode. Finally, when I got home, I would return all the settings to normal. I created an application for my android phone that did all of this for me. I then implemented the options to do all of this through the click of a button, or to have the phone do it on its own based on certain times of day.
- Built a simple base converter for android. Given a certain base (binary, decimal, hexadecimal, etc.) the application can convert a certain string of characters to a different base. I did this using various activities and intents.

## Structured Query Language (SQL)

- Using SQL Management studio, I wrote queries to do many different things, including: create or drop a database, create or drop a table, query the data in a given table based on the requirement of the user (things like find the oldest person, find all products starting with an "A", etc.).

## Education

Renton Technical College – Renton, WA

Associate of Applied Science Degree with Certificate in Computer Science, winter 2012

Bellevue College – Bellevue, WA

2003-2006

## Activities

- CAPA program: Spent Summer Quarter in Costa Rica studying Spanish and Environmental Studies. Spent an additional month volunteering for an endangered Green Turtle egg collection/hatchery program on a remote Pacific Beach near Jaco, Costa Rica
- Spent several weeks in South Africa on safari
- Semi-fluent in Spanish