Sarah Carroll

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Employment

Software Developer **Adventist University** **April 2013 – Present**

- Developed a RESTful Web Services API with **PHP** and the **Drupal Services** and **OAuth** modules
- Built University admissions application using **Drupal 7**
  - On the client-side, used the **PHP Guzzle** library to consume API data
  - Implemented user interface with the **Drupal Forms API**, **jQuery,** and **AJAX**
  - Increased application fee revenue by developing a Drupal payment gateway module to interface with Higher One's payment portal
- Maintained **Drupal 6 and 7** websites to meet the University's ever-growing needs
- Developed custom modules with **PHP** and **MySQL**, utilizing my skillset of **HTML**, **CSS** and **JavaScript**
- Worked on the University's Android and iOS apps using the **Titanium SDK** and **Backbone.js**
- Utilized **Git** for version control on all projects

Software Engineer **Cloudspace** **October 2011 – April 2013**

- Developed and enhanced websites using **PHP**, **Ruby on Rails**, **HTML**, **CSS**, and **jQuery**
- Worked on an iOS app using **Objective-C** to fetch data from a **REST** API
- Practiced test-driven development with **Cucumber** and **RSpec**
- Communicated effectively with clients and project members to employ **Agile Development** methodologies

Software Developer **University of Central Florida** **September 2010 – December 2012**

- Developed UCF's EXCEL application using the **Symfony** framework, **HTML**, **CSS** and **jQuery**
- Used **HTML** and **CSS** to create standards-compliant, accessible web pages for UCF's online courses
- Designed promotional flyers, web graphics and print materials using **Photoshop** and **Illustrator**

Languages and Technologies

- PHP, SQL/MySQL, Drupal, Symfony, Ruby on Rails, MVC Frameworks, Git, Agile Development
- HTML5, CSS3, Javascript/jQuery, Backbone.js, AJAX, Sass, accessibility, usability testing, web standards
- Photoshop/Adobe Create Suite, image editing and graphic design, knowledge of responsive web design

Education

B.A. Digital Media, Web Design | **University of Central Florida** | December 2012

Projects and Accomplishments

- Co-organized Orlando's first Rails Bridge workshop and taught at the beginner Rails session
- Presented a custom Drupal Web Services API at the SONIS conference
- Organized and presented a lunch and learn session on generating accessible file structures for web content