

Joel Ramirez

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COURSEWORK

UNDERGRADUATE

Agile/Scrum Group Projects

Algorithm

Automata

Compilers

Computer Architecture

Computer Security and Privacy

Cryptography Analysis

Data Structures

Encryption Protocols

Digital Design

Formal Languages

Programming Languages

Operating Systems

Translation of Programming Languages

SKILLS

Backend

Java,

PHP (Symfony, Codeigniter, Zend),

Groovy

Frontend

HTML, CSS and LESS, Javascript

FrameWorks

JQuery (some React and Angular),

Hibernate,

Spring, WordPress

Databases

MySQL, PostgreSQL, OracleDB

Web Application Servers

Apache, Nginx, Tomcat

Build Tools

Make, Maven, ANT

Source Control

Git, Subversion

Operating Systems

Linux, Windows

Monitoring/Alerting

New Relic, SonarCube

Others

Agile/Scrum, Continuous Integration,

Jenkins, XML, JSON, Velocity, Optimizely,

A/B Testing

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

BACHELOR OF SCIENCE COMPUTER SCIENCE

September 2009 - June 2013

Graduated June 2013

EXPERIENCE

INTERNET BRANDS

SOFTWARE DEVELOPER

September 2013 - Current | El Segundo, CA

- Developed back-end functionality for multiple consumer-facing shopping websites written in PHP with a common code base in ZF2 with PostgreSQL database.
- Built a system to encode click information returned by affiliate networks at the end of a sale which helped business operations receive valuable information.
- Gathered click information from Google Analytics API to tie in results from affiliate networks.
- Refactored the internal system used by In-House Editors to better manage task assignments, create and edit coupons, user and merchant administration, as well as logging activity.
- Implemented front-end content update using AJAX and jQuery and worked on retrieving information from the database to return JSON responses. Created APIs in the intermediary system to pass needed data from the front-facing sites to the business system and vice versa.
- Built a web harvesting service using Java that pulled data from competitor coupon websites and processed the data to provide a more accurate presentation of coupons/offers and saved relevant information into PostgreSQL using Hibernate mapping files.
- Gathered Make-Model vehicle information and constructed an algorithm to be able to display lease/finance information to users in the clearest way possible using a RESTful web service.
- Implemented an vehicle calculator that estimates lease/finance pricing for a user based on inputs provided and incentives that were of interest to the user using javascript/jQuery.

ENGINEERING COMPUTING INFRASTRUCTURE

SYSTEMS AND NETWORK ADMINISTRATOR ASSISTANT

August 2011 - June 2013 | Santa Barbara, CA

- Responsible for providing computer help desk support to over 1500 students, faculty, staff, and researchers of the College of Engineering.
- Built packages for software applications and designed automated installations to all workstations in the College of Engineering with the goal of timely turn-around times to enhance productivity.
- Organized and maintained all computer workstations and conference rooms used by the College of Engineering.
- Planned and developed optimizations for Windows environments using Puppet to enhance machine performance while in use.
- Meticulously documented help desk tickets and resolutions.