Armando Silva

Full Stack Web Developer for the
Division of Population Behavioral Health

1509 N Linwood Ave, Santa Ana, CA 92701
+1 (714) 862-8774
asilva3@ucla.edu
www.github.com/asilva3

EDUCATION

University of California, Santa Cruz   June '16

B.S. Computer Science
GPA: 3.13

WORK EXPERIENCE

UCLA - Programmer Analyst II

OCT '16 - CURRENTLY

• Developed several for the Division of Population Behavioral Health from scratch on a LAMP environment while providing Content Managers an integrated of Drupal 7 and 8's CMS for simplistic content editing.

• Integrated scripts in PHP, Mustache.js, JQuery, Javascript to handle complex form validations and dynamic form element updating.

• Reduced both Front-End and Back-End code from the old websites by as much as 75%, as well as enable PHP scripts such as OPcache to optimize our Website's speed and performance.

• Created and tested various custom Drupal modules in PHP.

Teaching Assistant - Center for Talented Youth

JUNE'16 - AUG '16

• Assist adolescent students to grasp a better understanding of The Physics of Engineering course taught at the John Hopkins University Center for Talent.

• Provided assistance adolescent students in grasping a better understanding of the basic concepts of physics. The concepts that were taught were the following: mechanics, buoyancy, resistors, circuits, and energy.

Lab Tutor & Grader - UC Santa Cruz

SEPT '15 - JUNE '16

• Help assist and guide students from The Introduction of Computer Science labs for Professor Charlie McDowell, Dimitris Achlioptas, and Seyedehpardis Miri.

• Help students have a better understanding of the basic functionalities of programming in Java

• Guided 15-20 students twice a week in a laboratory to help them understand the concepts of functions, conditional statements, lists, logic and recursion.

TOP PROJECTS

Haiku Helper - Team Member

JAN '14 - MARCH '15

• Android mobile application developed on Android Studios written in Java

• Using Retrofit, we queried results in order to determine whether a poem is considered a Haiku

• Implemented a text to speech API that allows a users' mobile device to read their poem back to the user

Rent-A-Cat - Product Owner

JAN '14 - MARCH '15

• Lead a team of four web developers in an agile approach to create and design a web based application written in Python and JavaScript

• We integrated the front-end programming language with a back-end MySQL database that allowed users to store and retrieve their information

• Utilized Git and PyCharm as our website's framework

PROGRAMMING LANGUAGES

Java
C
Javascript
PHP
Bash
Python
Haskell
Verilog
HTML5
CSS/SASS/LESS
MySQL

FRAMEWORKS + SOFTWARE

Git, PuTTY, Apache, Ubuntu, **Drupal**, Moodle, Node.js, **Vim**, React, AWS, Android Studio, LaTex, jQuery, Bootstrap

SPECIALTIES

Mastery in Git, Unix/Linux shell scripting using Vim, **LAMP Stack Web Developer**, Team Oriented/Scrum's Agile Framework, Dedicated Tutor, Mentor, Leader