Armando Silva

Senior Web Developer for MasTech Digital
Contracted to Kaiser Permanente

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EDUCATION

Bachelors of Science, Computer Science

University of California, Santa Cruz   June '16

WORK EXPERIENCE

Senior Web Developer - MasTech Digital

July '20 - Currently

• Contracted to Kaiser Permanente's Regional Medical Imaging Technology and Informatics Department to build a myMITI website for their inventory of equipment and staff.

• Created Drupal 8 custom based modules and themes using PHP's Symfony, Composer, PHP 7.4 libraries, JQuery, Javascript, Ajax Callbacks, Twig, HTML, and Rest APIs.

• Developed a privatized Gitlab enviornment on a Centos 8 server, allowing for team collaboration using GIT, CI/CD pipelines and Docker integrations.

Full Stack Web Developer - UCLA Health

Oct '16 - June '20

• Lead team members at the Semel Institute of UCLA Health to develop web applications for several of their psychological departments.

• Built Drupal 6/7/8 custom modules and themes written in PHP; as well as integrated third-party API, such as Constant Contact E-mailing list.

• Developed CI/CD using GIT, Docker, and AWS EC2 instances to improve deployment processes for the CMS/LMS platforms..

Physics of Engineering Teaching Assistant - John Hopkins

June'16 - Aug '16

• Assisted students ages 10 to 13 year olds in grasping a better understanding of the basic concepts of physics, such as: mechanics, buoyancy, resistors, circuits, and energy.

• Facilitated team building projects, such as: architectural designed bridges, solar panel robotics, and pipe insulation roller coasters at the University of Roger Williams, RI.

PROGRAMMING SKILLS

Java	MySQL
Javascript	REST
PHP	HTML
C	React/Node.js
Python	CSS/SCSS

WORK EXPERIENCE (CONTINUED)

Computer Science Lab Tutor & Grader - University of California Santa Cruz

Sept '15 - June '16

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

• Tutored three sessions of 15-20 students per week to help them grasp an understand of the concepts OOP in Java. Concepts included: functions, conditional statements, lists, logic and recursion.

TOP PROJECTS

Mandohs.com

WordPress + React JS Web Application
May '20 - July '20

• Developed a personal cost efficient website ran on AWS Lightsail Virtual Sever, WordPress, and a LAMP Stack

• Integrated a headless React webform with Material UI on AWS S3 bucket. On submit, the form calls a API Gateway that triggers a Lamda function, sending an email using AWS SES and stores the message in AWS DynamoDB

Rent-A-Cat

Python Web-Based Application
Sept '15 - November '15

• Worked with three software engineers as the product owner to produce a website which allowed users to be able to add/edit/delete posts about cat rentals dynamically.

• Implemented a ractive, python, RDBMS framework to allow users the ability to fetch, get, post their data onto MySQL databases.