

Luis Arriaga

luisarriaga.com
laarriaga1@gmail.com
(760) 519 – 2599

Professional Experience:

Software Engineer | Proficio, Inc.

May 2017 – Present

- Rebuilt our Automated Intrusion Response service with scalability in mind, allowing support for new devices and response capabilities
- Created an API Connector that retrieves data from APIs such as Microsoft O365, normalizes it to a specific field mapping, and then forwards it to our SIEM for threat assessment
- Synthesized a Report Automation tool for ArcSight ESM generating system resource reports then emailing them as attachments on a scheduled basis
- Solved a critical issue in Wazuh's (HIDS) field mappings by producing a regex class in C and integrating it with Wazuh Managers monitoring thousands of agents

Full Stack Developer | iDONATEpro

September 2015 – April 2017

- Developed back-end protocol to improve MySQL query efficiency and optimize speed by up to 75%
- Designed and implemented a REST API to determine contacts' local time, time zone, and display a clock widget
- Implemented a three-way communication system between the front-end, MySQL and AWS cloud storage to upload a profile image when creating a new contact inline
- Redesigned settings infrastructure to give users the ability to select what specific content to display in their generated PDF reports
- Tasked with enhancing the entire application UX design to advance onboarding flow and ongoing retention

Technical Consultant | EPhost, Inc.

April 2016 – September 2016

- Helped create an automated onboarding procedure to invite over 16,000 current users to the client's new product application
- Built a CRUD like management system for 10,000+ preexisting shopping cart promotions
- Designed a dynamic algorithm to generate a finite amount of unique alphanumeric promotion codes
- Used Google Maps/Places API with a Place Autocomplete search field and extensive parsing to autofill the shipping address form including street type and pre/post directional street fields for the shopping cart
- Maintained a conventions-based, modular MVC framework application using Bootstrap

RF Test Engineer Intern | Skyworks Solutions, Inc.

June 2015 – July 2015

- Proposed creating a class to decrease 1,000's of microchips' test time and refine automated test solutions
- Constructed a dynamic algorithm using statistical analysis of the past fixed quantity output results to update future test parameters which led to a 25% decrease in test time

FULL WORK AND PERSONAL PROJECT HISTORY AVAILABLE ON LINKEDIN

Side Projects:

Yelp Dataset Challenge (Python)

- Using Naïve Bayes and LinearSVC on a dataset of over 1.6 million user reviews for 61,000 businesses we predicted the category of the business based solely on the review text with up to 89% accuracy.
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Skills and Interests:

Proficient: Java, Python, Splunk, ELK, MySQL Server, Bash, JavaScript & Ajax, HTML & CSS, Bootstrap, Google Maps/Places API, ColdFusion

Familiar: AWS, Docker, C++, C, Regex, MATLAB MathWorks, Android Studio, Vim

Education:

University of California, San Diego: B.S Computer Engineering

Class of 2017