

Luis Arriaga

luisarriaga.com
linkedin.com/in/luis-arriaga/
laarriaga1@gmail.com
(760) 519 – 2599

Professional Experience:

Software Engineer | Proficio, Inc.

May 2017 – August 2018

- Led the Threat Intelligence Platform rebuild with Django and PostgreSQL to collect actionable data from multiple sources and integrate with a security platform to reduce the number of false positives
- Designed a multi-tenant Search-as-a-Service platform with Elasticsearch to allow users to analyze application and server logs
- Created an API Connector microservice that retrieves security events from APIs such as Microsoft O365, normalizes the events to a prioritized field mapping, and then forwards it to a security platform
- Modernized the Intrusion Response microservice to block threat actors near real-time on several external facing security devices such as perimeter firewalls when a high-fidelity threat is detected
- Spearheaded the migration of the security platform to Splunk from onboarding data from multiple sources to building Splunk Applications
- Solved a critical issue in Wazuh's (open source security) field mappings by producing a regex class in C and integrating the solution with thousands of endpoints

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 Amazon S3 to upload a profile image when creating a new contact inline
- Redesigned settings infrastructure in our MySQL database to give users the ability to select what specific content to display in their generated PDF reports

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

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
-

Skills and Interests:

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

Familiar: AWS, Docker, C++, C, Regex, MATLAB MathWorks, Android Studio, Perl, Django, Wazuh, Carbon Black, VMware, JIRA, ServiceNow

Certifications: Splunk Certified Admin

Education:

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

Class of 2017