# **Carl Perez**

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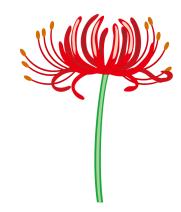
Github: cperez941

## **Education**

• 2010-2014: C.E. Byrd High School

Aug '14 - Feb '19: Louisiana Tech University

Major: Computer Engineering



# **Work Experience**

• Feb '16 - Jun '19 : DevOps Consultant - Fenway Group

• Development of Continuous Delivery, Integration, Monitoring, & Failover systems for a large scale WebLogic application (bundled with Apache Tomcat Services) with Chef, Python, BASH, and Jenkins.

• Development of a Node.JS Web Application for Wellington Financial to communicate with MySQL, Oracle, and Postgre databases containing financial information

## Jul '19 - Present : Unix Systems Engineer - CU Boulder

• Development and maintenance of monitoring and automation systems using Ansible, Chef, Nagios, and Jenkins for a broad set of teams across the University.

• 24/7 support for critical services across the university, including its website, databases, and various student, faculty and research facing services.

# Skills/Expertise

#### **PROJECTS**

## Freshman Design Roommate Tracker

Arduino & Python core with systems of sensors to alert user to roommate activity.

## Senior Design Cyber Vision

Python & Matlab programs designed by a small team to detect, process, & blend video & images.

#### Cloud Computing BCIC

A TensorFlow-based image processing cluster that splits the load of identifying a breed of dog from an image across multiple Pi's.

## **CERTIFICATIONS**

SCRUM DEVELOPER I - OCT 2016

## **METHODOLOGIES**

Agile, Scrum, Kanban

#### **ORGANIZATIONS**

NAMI - President of the National Alliance on Mental Illness on Louisiana Tech's Campus – 2017-2018.

### **PROGRAMMING**

Automation - Python, BASH, Ruby, Ansible Application Development - Java, C/C++ Web Development - NodeJS, React, Flask, REST, Bootstrap

#### **TECHNOLOGIES**

Containers - Tomcat, WebLogic, Gunicorn
Cl + CD - Jenkins, Chef, Tower
IDE - Vivado, Arduino, Visual Studio, Atom
OS - Windows 7 & 10, Arch Linux, Debian, CentOS
Source Control - Git, SVN, Confluence & Stash
Tracking & Ticketing - Service-Now, JIRA
Web Standards - WSSE, JSON, SOAP