

Carl Perez

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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

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

Roommate Tracker

Senior Design

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

Cyber Vision

Cloud Computing

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

BCIC

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, Unicorn

CI + 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