Carl Perez

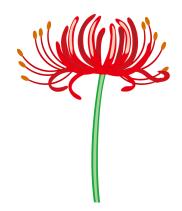- **Contact Info :** carlp941@gmail.com
- **Github :** evolvingsewage

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
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