

# Carl Perez

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## Education

- **Aug '14 – Feb '19 : Louisiana Tech University**
  - Major: Cyber Engineering

## Work Experience

- **Feb '16 – Present : 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

## 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

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

### TECHNOLOGIES

*Containers* - Tomcat, WebLogic, Unicorn  
*Continuous Integration & Deployment* - Jenkins, Chef  
*IDE* - Vivado, Arduino, STS, 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

## References

### **Devin Lortz**

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