CAMERON LOPEZ

Experience

Software Devloper - Oppenheimer Funds
2018 - Current

Designed and built a distributed architecture for processing financial data

- Python, AWS(EBS, EC2 AutoScale, Aurora, ELB, Elasticache), Postgres, Groovy on Grails, SQL, Oracle DB, Jenkins

Founder - 8Reps Fitness
2016 - Current

Designed and built a fitness platform to seamlessly connect users to gyms.

- React Native, Serverless, NodeJS, Express, GraphQL, Docker, iOS, Android, MongoDB

Software Developer III - Rackspace - VMWare
2015 - Current

Lead dev team to iterative release cycle. Created an automated build system to configure bare metal hypervisors. Built self service vCenter storage metrics application; this resulted in an enhanced customer experience and reduced overhead by 1000+ hours of work.

- vCenter, Grails, Groovy, JS, RabbitMQ, Splunk

Software Developer in Test III - Rackspace - VMware
2014 - 2015

Developed a testing service which led to a successful product launch. Mentored new developers and fostered documentation to effectively grow the team.

- vCloud Director, Python, Bottle, Docker, Neo4j, Redis, Celery, REST

Software Developer in Test - Rackspace - Openstack
2012 - 2014

Developed a CI test framework which rapidly integrates changes to a OpenStack private cloud product and provides continuous stable releases to customers. Pushed product interests into OpenStack open-source projects to create a greater enterprise experience to customers.

- OpenStack, Python, Chef, Razor, Ansible, Jenkins, Red Hat Enterprise Linux

Education

The University of Texas at San Antonio - San Antonio, TX
2009 - 2012

B.S., Computer Science, Concentration in Software Engineering

- Built a Ruby on Rails social book application to provide recommendations and connections. Leveraged Google Book APIs, Heroku, and Postgres.
- Built a RESTful medical information system using PHP, and MySQL.

Research

Georgia Tech
- Designed an Unscented Kalman Filter to localize and predict movement of objects using a neural network. Leveraged Python, opencv, numpy, and pybrain.

Undergraduate Research Group - Institute for Cyber Security
2012

Cloud Computing Security, Virtualization

- Surveyed general virtualization technology, micro-virtualization, and cloud security.

Specialties

Frameworks React, Express, Grails, Flask, Rails, Django, Relay, GraphQL

Software lifecycle Agile Automated build process: Jenkins, Travis-CI

Deployment automation and management Docker, Ansible, Chef, Razor

Version Control git, Github, mercurial

Virtualization AWS, Openstack, VMware, vCloud Director, vCenter, GCP, Azure

Database administration neo4j, mysql, postgres

Languages javascript, python, groovy, ruby, C, php

System administration Linux, RHEL