**AARON ESCOTO**

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**DEVOPS| SRE | CLOUDOPS**

A professional with a strong expertise in cloud operations, microservice deployments, and working with cross-functional teams to deliver enterprise level services.

**Core Skills:**Problem Solver, Ownership, Collaboration, Task Automation

**Technical Skills:**AWS, Openstack, Linux, Terraform, Docker, Kafka, Bash, Python, Splunk, Jenkins, Jira, BigPanda

# PROFESSIONAL EXPERIENCE

**Cloud Operations Engineer** June 2016 - December 2019

# TiVo

Collaborated on a new platform to deploy microservices utilizing Kafka for real-time data streaming. Architecture consists of a hybrid cloud model using AWS, Openstack, and on-prem bare-metal servers. Our team deployed, configured, diagnosed, and debugged 9 production datacenters worldwide to support rapid CI/CD of services via CoreOS and Docker containerization while maintaining a 24/7 on-call rotation. Automated several mundane datacenter wide tasks (such as OS upgrades, container checks, etc). Trained teammates/NOC on new platform to manage alerts, develop run-books, and assist from triage to resolution.

# AWS:

* Successfully deployed microservices and elastic beanstalk applications using AWS CLI/GUI/Cloudformation
* Setup CloudWatch Alerts and BigPanda Alerts viaAWS GUI enabling the proactive introspection of platform
* Restricted application access resources via IAM policies to ensure operational security

# Terraform:

* Created version-controlled configs via git for new services, applications, and microservices
* Deployed microservices to AWS across multiple Terraform datacenters
* Wrapped/bootstrapped new and existing AWS/Openstack datacenters

# Openstack:

* Maintained physical hardware andVM’svia HPonboard/KVM
* Handled day to day admin tasks, troubleshooting, and incident resolution
* Provisioned new clusters on-prem and on client sites

**Veteran Services Representative** May 2013-May 2016

# Veteran Student Services (SJSU)

Counseled Student Veterans with process of education benefits, and maintained student records for certifications. Organized Veteran events to increase campus awareness of Veterans, and student relations.

* Developed a website/webmaster for Veteran Student Organization to build community relations.
* Certified thousands of Veteran students through VAONCE and maintained personal files resulting in timely certification of benefits.

**Cavalry Scout (team leader)** September 2009-May 2013

# United States Army - Ft.Carson, CO (4th Infantry Division 2-8 Infantry)

Assigned to 30-man platoon and 12-man squad. Led training of 3-man team of Afghanistan National Police by holding regular meetings with local leaders to address terrorism and provide better living conditions for local villages.

* Trained local Afghanistan police in anti-terrorism techniques enabling them to keep hostile groups, ordinance,and unwanted groups out of their community.

# EDUCATION

**BS Computer Science | San Jose State 2017**

**(1 class needed for degree, transcripts available on request)**

**University Senior Project: Hangry**

Designed and developed an Android application to locate nearby food trucks in real-time so users can locate their favorite food trucks with ease using Android Studio, GPS, Google Location Services, and DynamoDB.