**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

**CloudOperationsEngineer** 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 AWSCLI/GUI/Cloudformation
* SetupCloudWatchAlertsandBigPandaAlertsviaAWSGUIenablingtheproactiveintrospectionofplatform
* Restricted application access resources via IAM policies to ensure operationalsecurity

# Terraform:

* Created version-controlled configs via git for new services, applications, andmicroservices
* Deployed microservices to AWS across multipleTerraformdatacenters
* Wrapped/bootstrapped new and existing AWS/Openstackdatacenters

# Openstack:

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

**VeteranServicesRepresentative** 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 communityrelations.
* Certified thousands of Veteran students through VAONCE and maintained personal files resulting intimelycertification ofbenefits.

**Cavalry Scout(teamleader)** 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.

* Trainedlocal Afghanistan police in anti-terrorism techniques enabling them to keep hostile groups, ordinance,andunwanted groups out of theircommunity.

# EDUCATION

**BS Computer Science | San Jose State University Senior Project: Hangry**

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

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.