

# AARON ESCOTO

[aaronlescoto@gmail.com](mailto:aaronlescoto@gmail.com) | [aaronescoto.com](http://aaronescoto.com) | 209.319.6856 | [github.com/AaronEscoto](https://github.com/AaronEscoto) | [linkedin.com/in/aaronescoto](https://linkedin.com/in/aaronescoto)

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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

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### 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 via AWS 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 and VM's via HP onboard/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

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### BS Computer Science | San Jose State 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.