

## **SKILLS**

- App Deployment and Resource Provisioning, in Cloud environments (AWS, Azure)
- Infrastructure as Code (Terraform)
- Linux/Bash Administration
- Application Containerization and Configuration (Docker, Kubernetes, ECS)
- CI/CD Pipelining (Gitlab CI, Github, Jenkins, Argo CD)
- Programming (Python - Intermediate, Java - Beginner)

## **PROJECTS**

- CI/CD Pipeline (with tests) for a Python Flask app that runs on S3 and EC2 resources automatically provisioned by Terraform code ([GitHub Link](#))
- Python Flask App push into a Gitlab CI Pipeline to create/update docker image and upload to ECS ([Gitlab Link](#))

## **EXPERIENCE**

### Cyber Security Engineer Intern

*Remote*

*Integral Ad Science*

*Sept 2022 – Dec 2022*

- Develop Python code to automate RBAC policies/authorization audits in SAAS platform
  - Built on serverless architecture with AWS Lambda, results stored in S3, automated ticket creation for action items in JIRA
  - Resulted in reduction of manual labor by 30 hours/month
- Create standardized Security Incident Playbooks for escalation/resolution
  - Reducing outages by 5%
- Create architectural diagrams of software, applications, systems, and microservices
  - Creating a mutual understanding of infrastructure between Dev and Ops

*Feb 2022 – May 2022*

- Develop Python code to automate monthly audit process
- Investigate AWS and FortiSIEM findings to resolve infrastructure vulnerabilities
- Draft After Action Reports for Executive team, following quarterly phishing test

### DevOps Engineer Intern

*Remote*

*Lawrence Livermore National Laboratory*

*Jun 2022 – Aug 2022*

- Spearhead transition effort from OpenShift Templates to Helm Charts for apps and NoSQL databases as default OpenShift application management tool
- Create and manage CI/CD Pipelines for Helm Charts, application testing, integration, and delivery to Gitlab, Quay, and OpenShift (Gitlab CI)
- Design, implement, and administrate Podman/ OpenShift resources in Linux

### IT Desktop Support Assistant

*Pomona, CA*

*Cal Poly Pomona IT Classroom Tech*

*Jun 2021 – Jun 2022*

- Bridge technical gap with client users (professors); ticket triage and resolution

## **EDUCATION**

California State Polytechnic University, Pomona

*Pomona, CA*

*B.S. Computer Information Systems, Info Security*

*Aug 2018 – Dec 2022*