

# DEREK A. EASON

System Support | Information Technology | Cloud Technologies



## PROFESSIONAL SUMMARY

Detail-oriented and self-motivated IT professional with more than five years of experience supporting technology infrastructure. Strong expertise handling a wide range of technical support tasks with commitment to customer service. Exceptionally dedicated professional with keen interpersonal, communication, leadership and organizational skills.



## WORK EXPERIENCE

### Backend, SQL, and DevOps with Python

Nucamp Coding Bootcamp – Atlanta, GA | 2021-Present

- ◆ **Sixteen week fast-paced developer program** completing twelve robust projects using Python, PostgreSQL and Docker containerization.
- ◆ **Design and use relational databases with SQL** and an ORM. Perform database administration with backups, triggers, and performance optimization.
- ◆ **Utilize** modern software engineering practices for continuous integration, creating and implementing REST APIs and deploying applications to AWS and Azure clouds.

### IT Service Center Technician

Alameda Health System – Oakland, CA | 2018 – Present

- ◆ **Provide remote support to 5000 end users for devices, systems, and clinical applications** in a 24/7 multi-campus healthcare setting.
- ◆ **Diminish interruptions and response times** by evaluating, prioritizing, and troubleshooting end-user issues, escalating when necessary, to ensure a timely and accurate resolution.
- ◆ **Provision user and group security access** in Active Directory as well as basic account setup in O365.
- ◆ **Generate clear and complete documentation** regarding problems addressed, as well as solutions and workarounds, using the Solarwinds ticketing system.



## PROJECTS

### Serverless static site hosted in AWS S3 Bucket

<http://www.derekeason.io>

- ◆ Serverless static website hosted out of an AWS S3 bucket that was setup using SAM/CloudFormation template.
- ◆ Lambda function updates DynamoDB database visitor's table whenever API Gateway receives a successful GET request.
- ◆ CI/CD powered by GitHub Actions.
- ◆ Uses: CloudFormation, Lambda, S3, DynamoDB, CloudFront, and API Gateway

### Extract, Transform, Load – COVID-19 Dashboard

- ◆ Lambda function extracts and transforms/cleans NY Times and Johns Hopkins COVID-19 data, then auto loads to an S3 bucket.
- ◆ Once loaded in S3, Lambda triggers upload to a DynamoDB table and then an upload to AWS Quicksights dashboard.
- ◆ Uses: Lambda, S3, Quicksights, DynamoDB, SNS, and EventBridge



## CONTACT

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## EDUCATION

**Bachelor of Science in Business - Information Technology Management**

Western Governors University – Salt Lake City, UT



## CERTIFICATIONS

AWS Certified SysOps Administrator CCNA

ITIL v4 Foundations

Certified Kubernetes Application Developer (CKAD)



## TECHNICAL SKILLS

### Languages

- ◆ Python
- ◆ SQL
- ◆ YAML

### Platforms/Tools

- ◆ AWS
- ◆ Git
- ◆ Kubernetes
- ◆ Docker

### Database

- ◆ MySQL
- ◆ PostgreSQL
- ◆ DynamoDB

### AWS Tools

- ◆ IAM
- ◆ VPC
- ◆ SNS/SQS