

Jacob Ortiz

ortizjd@dukes.jmu.edu | (571) 429-0828
github.com/ortizjd-jmu | jacobortiz.net | linkedin.com/in/jacob-ortiz-474941129

Skills

- ❖ AWS
- ❖ Kubernetes
- ❖ Docker
- ❖ VMware
- ❖ Python
- ❖ Bash
- ❖ CSS
- ❖ JavaScript
- ❖ HTML
- ❖ Nginx
- ❖ React
- ❖ Django

EDUCATION

James Madison University

Bachelor of Science in Engineering (ABET-accredited degree)

Harrisonburg, VA

Aug 2016—May 2020

PROFESSIONAL EXPERIENCE

SkyPrecision

DevOps Engineer

Harrisonburg, VA

Sept 2018—Present

- ❖ Deployed web app on AWS using DynamoDB, s3, EC2, ELB, Route 53, IAM, and CloudWatch
- ❖ Analysis, planning, and development of Django, React.js, and Nginx web app
- ❖ Automating of previously manual processes with bash, improving speed and capacity by 25%
- ❖ Work with a team of 8 to design and build an autonomous aerial multispectral imaging platform

Neustar, Inc.

Data Center and DDoS Attack Protection Intern

Sterling, VA

July 2018—Aug 2018

- ❖ Gained experience deploying applications on Kubernetes
- ❖ Developed a Python script to accelerate weekly data manipulation tasks from several hours to 5 minutes
- ❖ Gained experience developing documentation for Confluence pages on Kubernetes and Docker

PERSONAL PROJECTS

Aerial Multispectral Imaging

Sept 2019—Present

- ❖ A web app to track vine health in vineyards, create georeferenced notes, and overlay multispectral indices
- ❖ Gained experience generating and evaluating the feasibility of design concepts
- ❖ Gained experience translating client needs into design requirements

uPick

Jan 2020

- ❖ Developed an interactive map using Pandas and Plotly that displays the most blogged places in town

Type Racer A.D.

Jan 2020

- ❖ Developed a speed typing test program of the most famous quotes scraped off the web using Python

CERTIFICATIONS

CompTIA Security+ ce Certification

Issued by: CompTia

Nov 2019—Nov 2020