

# Jacob Ortiz

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## SKILLS

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

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## EDUCATION

### James Madison University

Harrisonburg, VA

Bachelor of Science in Engineering (ABET-accredited degree)

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## PROFESSIONAL EXPERIENCE

### SkyPrecision

Harrisonburg, VA

*DevOps Engineer*

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%
- ❖ Worked with a team of 8 to design and build an autonomous aerial multispectral imaging platform

### Neustar, Inc.

Sterling, VA

*Data Center and DDoS Attack Protection Intern*

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 Confluence pages for Kubernetes and Docker

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## Personal Projects

### 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

### Aerial Multispectral Imaging

Dec 2019—Jan 2020

- ❖ 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

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## Certifications

### CompTIA Security+ ce Certification

Nov 2019—Nov 2022

Issued by: CompTIA