

JORGE ADORNO-NIEVES

SYSTEM ADMINISTRATOR

v20210421

CONTACT

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EMPLOYERS

University of South Florida
Computer Science Dpt.
Support Staff
2020

Farmacia Giusti Inc.
IT Department
Support Head
2011 - 2021

EDUCATION

Computer Science
University of South Florida
2017 - ongoing (PhD.)

Computer Science
University of South Florida
2016 - 2017 (M.S.)

Computer Science
University of Puerto Rico
2011 - 2015 (B.S.)

This resume is only limited to the IT-related duties of and does not reflect their full skillset. Please refer to alternate resumes for more information.

ABOUT ME

Jorge Adorno-Nieves is a PhD Candidate of Computer Science & Engineering at the University of South Florida. In addition to her research work, Jorge manages 40TB of fault-redundant data across the educational, medical & surveillance fields throughout several locations. The systems under her management are tailored to accommodate unique scenarios such as high-availability, high-throughput, and short downtimes after hardware failures. Her current focus is on the separation of virtual and physical assets via virtualization.

TECHNICAL SKILLS

System Administration

- Equipment Selection & Ordering
- Imaging & Setup
- Backup & Data Destruction
- General Tech Support
- OS: Linux, macOS & Windows

Server Administration

- Equipment Selection & Ordering
- Imaging & Setup
- Onsite & offsite backups
- Experienced with Hardware & Software RAID configurations
- General Tech Support
- OS: Linux

Virtual Machines

- Deployment of Virtual Machines
- Support for paravirtualization
- Support for hardware passthrough
- Creation of isolated virtual networks

Networking (Physical)

- Equipment Selection & Ordering
- Network Setup & Management
- Layer 2 Configurations (VLAN)

Networking (Virtual)

- Firewall Setup & Management
- VPN Setup & Management
- Site-to-Site & Gateway Config.
- Server-Client, Mesh & Fully-Connected setups

Containers

- Experienced with container creation & deployments
- Knowledgeable on container orchestration
- Able to offer managed services via Containers such as databases, web servers and Jupyter notebooks
- Experienced with the related routing for container environments

SOFT SKILLS

TEACHING

- Supported teaching duties for courses such as android development, artificial intelligence and big data (2016 - 2021)

MENTORING

- Supervising work as a Research Experience for Undergraduates mentor (2016, 2018 - 2021)