Contact

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(Company)

Top Skills

Linux

System Automation

Virtualization

Languages

Spanish (Native or Bilingual)

English (Native or Bilingual)

Certifications

(AC-JPA) Atlassian Certified Jira
Project Administrator

Computer Programming Specialist,
Certificate

Omar López

Systems Administrator/Programmer IV at University of Florida's
ICBR
Gainesville, Florida

Summary

Experienced System Administrator with a demonstrated history
of working in biotechnology. Skilled in RedHat Enterprise Linux,
system automation, virtualization, Atlassian tools, and life sciences
applications.

Experience

University of Florida
9 years 10 months

Systems Administrator/Programmer IV
July 2019 - Present (10 months)
Gainesville, Florida Area

• Plan, organize, and direct initiatives and services at biotech facility.

• Lead the implementation of existing and evolving centralized campus
computing initiatives.

• Create, customize and maintain web applications and websites.

• Drive medium to large IT projects leading a team of 3-5 members.

• Administrator of Atlassian stack, e.g. Jira, Confluence, Bitbucket.

IT Professional I
June 2017 - July 2019 (2 years 2 months)
Gainesville, Florida

• Managed network, compute, and storage infrastructure.

• Developed containerized application to leverage Jira API to manage and
deliver genomic data sets.

• Installed, configured, and managed Atlassian stack of applications in a
virtualized environment.

• Rearchitected and upgraded environmental monitoring system within $40k
budget.

• Managed IBM GPFS file system on DDN hardware.

• Designed inventory system using Atlassian's Jira and Confluence.

• Packaged and delivered 585 genomic data sets to customers using
encrypted GridFTP.

End User Computing Specialist II
December 2013 - June 2017 (3 years 7 months)
Gainesville, Florida

• Developed program to automatically manage genomic datasets.

• Managed environment of over 200 workstations and instrument control workstations.

• Designed and deployed zero-touch imaging process for macOS and Microsoft Windows.

• Configured and deployed antivirus solution without disruption of service.

• Administered site-wide environmental monitoring system.

Help Desk Lead
October 2012 - December 2013 (1 year 3 months)
Gainesville, Florida

• Reduced the average time-to-completion of a service requests to three (3) business days.

• Oversaw ticketing system that surpassed 1000 service requests per year.

• Handled over 70% of all service requests submitted.

• Configured AES 256-bit hardware encrypted media for secure delivery of data.

Help Desk Technician
July 2010 - October 2012 (2 years 4 months)
Gainesville, Florida

• Developed web application for submission of reports using HTML, PHP and JavaScript.

• Provided Tier I support to 8,500+ undergraduate and graduate residents.

• Hands-on experience with Cisco and 802.1x networking, virus scanning, and DMCA policy enforcement.

Education

Santa Fe College
Associate in Science - AS, Programming & Analysis · (2019 - 2021)

Santa Fe College
Associate in Arts - AA, Political Science · (2017 - 2019)