James Downs

(817) 807-0263
jdowns06@gmail.com

Technology enthusiast focused on DevOps and Machine Learning

EXPERIENCE

Systems Administrator II — *Central Web Services*

UNT System, October 2021 - PRESENT

- Primary systems administrator for UNT, UNT Dallas, and UNT System web hosting
- Manage four web farms containing 40+ servers running LAMP and LEMP stacks on Ubuntu and RHEL
- Automate operations using Python and shell scripting, Jenkins, Ansible, and GitLab
- Monitor web farm health and performance using Zabbix and Nginx Amplify
- Troubleshoot network, performance, and access issues for all web farms
- Worked with vendor to migrate clients from Drupal 7 to OmniCMS
- Continuously maintain asset security based on security policies and Rapid7 InsightVM recommendations

Systems Administrator I — *Directory Services*

UNT System, November 2018 - October 2021

- Automate operations processes using Python, Jenkins, and GitLab
- Manage identities in Active Directory and Azure AD
- Support provisioning for Office 365 identities and EXO mailboxes
- Create additional functionality utilizing various applications' REST APIs

Systems Analyst

The Container Store, August 2011 - November 2018

- Subject matter expert and primary support for Office 365
- Technical lead for store setups and grand openings
- Support AD, Exchange, and IDM processes

SKILLS/TECHNOLOGY

DevOps
Machine Learning
TensorFlow
Pandas
Python
PowerShell
Ansible
Terraform
Jenkins
Git/GitLab
Linux/Ubuntu/RedHat
Nginx
MySQL
Google Cloud

CERTIFICATIONS/AWARDS

TensorFlow Developer – 2022

Star Performer
UNT System 2021 & 2022

Leadership Development Award
The Container Store 2018

Desktop Support Lead

Dallas Baptist University, May 2009 - August 2011

Desktop Support Technician

Dallas Baptist University, December 2008 - May 2009

Cable Technician

Dallas Baptist University, August 2008 - December 2008

EDUCATION

B.S. Computer Science

University of The People, June 2022 - Present

Transfer student currently working to finish degree

B.S. Management Information Systems

Dallas Baptist University, August 2006 - August 2011

Degree not acquired due to financial restrictions