



ABOUT ME

Having dedicated time to enrich my personal life and enhance my professional skill set I am eager to reengage with the IT industry. My area of interest lies in Data Science, with a particular focus on Machine Learning, AI Deployment, and IT Ethics/Compliance.

LINKS

GitHub:
<https://pithub.com/texaschikkita?tab=repositories>

CERTIFICATIONS

2009
CompTIA A+
CompTIA Network+

2010
CCNA-Security
CompTIA Linux+
CompTIA Security +
MCITP-SA

2011
CISSP
Juniper JNCIA-M
Juniper JNCIS-ER

2013
CISA

REFERENCES

SEAN FLEMING
Student Success Manager SMU
T: 512-228-0428
E: sfleming@edx.org

BRYAN ANDERSON
CRI; Constant Hawk
T: 214-914-5588
E: b.anderson@aic-consultants.net

MARK MERRITT
Verily
T: 469-686-5888
E: mmerritt@bx.rr.com

ALAN MESKUNAS
AT&T
T: 469-964-3042
E: am1563@att.com

EDUCATION

DATA SCIENCE BOOT CAMP
Southern Methodist University /
Dallas / 2023

BACHELOR OF ARTS
University of North Texas /
Denton / 2000

BACHELOR OF SCIENCE
Indiana University / Bloomington /
1998

JESSICA MCPHAUL

DATA SCIENTIST

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WORK EXPERIENCE

ISIGHT PARTNERS
Dallas, Texas
Jan 2014 - Dec 2014

Infrastructure Architect

As an Infrastructure Architect, I was instrumental in driving the technological evolution of the organization.

- Developed a network integration plan for new API deployment and designed innovative solutions to upgrade the existing global infrastructure.
- Enhanced system security through the establishment of Radius and AAA authentication.
- Participated in the selection, testing, and maintenance of network technologies.
- Managed EOL equipment decommissioning and new device integration, while crafting firewall policies aligning with company standards and troubleshooting network issues.

ENERGY FUTURE HOLDINGS
Dallas, Texas
Feb 2013 - Jan 2014

Network Solutions Delivery Architect

In this role, I represented the Managed Network Services Group, delivering comprehensive network solutions to clients like Luminant and TXU.

- Led full network refreshes, new installations, and designed networks for new locations.
- Engaged in wireless engineering, specializing in Cisco and Alcatel devices.
- Oversaw the complete project lifecycle, ensuring deliverables were met and systems integrated according to corporate standards.
- Facilitated collaboration across teams to successfully execute projects and onboard new systems.

JCPENNEY
Dallas, Texas
Mar 2012 - Feb 2013

Lead Network Implementations Engineer

Contributed to Cisco's largest US project, overseeing the network conversion of 1200+ stores. Responsibilities included quick network configurations, remote troubleshooting, and equipment installation. Managed MPLS and T1 setup, along with WiFi provisioning and IP routing. Also facilitated firewall, controllers, and mobile POS devices onboarding for guest WiFi.

DOD; TASK FORCE ODIN, CONSTANT HAWK PROGRAM - CLEARANCE POSITION
Kandahar Air Field, Afghanistan; Ramstein Air Base, Ramstein-Meisenbach, Germany; COB Speicher, Al Sahra Airfield, Tikrit, Iraq
Jan 2009 - Feb 2012

Principal Data Engineer

As a key member of the high-priority Constant Hawk surveillance and reconnaissance operations team, I held multifaceted responsibilities, necessitating technical prowess, adept communication, and expertise in security protocol navigation. I optimized tech systems, maintained classified data integrity, managed software tasks, and implemented infrastructure upgrades. I executed secure disk operations and served as a liaison among Army Research Labs, MIT Lincoln Labs, and Constant Hawk Operations, turning raw data into actionable insights.

SKILLS

LANGUAGES: AIML, C+, DOCKER, GO, HTML, JAVA, JAVASCRIPT, JULIA, NODEJS, NOSQL, PASCAL, PERL, PYTHON, R, SCALA, SPARK, SQL, XML

BIG DATA: HADOOP, SPARK

DATA MANIPULATION & ANALYSIS: PANDAS, NUMPY

MACHINE LEARNING: NEURAL NETWORKS, REINFORCEMENT LEARNING, SUPERVISED AND UNSUPERVISED LEARNING

DATA VISUALIZATION: BOKEH, D3JS, GGLOT, MATPLOTLIB, PLOTLY, POWER BI, SEABORN, TABLEAU

DEEP LEARNING: CNN, KERAS, PYTORCH, RNN, TENSORFLOW

DATA ANALYSIS: PANDAS NUMPY

CLOUD PLATFORMS: AWS, GCS

DATA WRANGLING: API'S, WEB SCRAPING, IMPUTATION, STANDARDIZATION, NORMALIZATION, AGGREGATION, INTEGRATION, RESHAPING, VALIDATION