JUSTIN SINGH-MOHUDPUR

Goleta, CA 93117

https://justinsingh.me

(209)620-5885 | justin@justinsingh.me | /in/justinsinghm

EDUCATION

University of California, Santa Barbara *September 2019 - Present*
Mathematics, B.S.
Merced College *August 2016 - June 2019*
Computer Science and Mathematics, A.S.
Community College of the Air Force *September 2017 - February 2018*
Information Systems Technology, A.S.

WORK EXPERIENCE

United States Air Force Reserve *September 2017 - Present*
Network and Systems Administrator (Security)

· Deployed, configured, and maintained VMWare technologies such as ESXi, vSAN, and vCenter.
· Configured switching/routing services for Cisco appliances.
· Managed Active Directory services supporting enterprise infrastructure (group policy, account management)
· Responsible for researching, installation, maintenance, and monitoring of security solutions such as: Windows 2012R2 security servers (Nessus/ACAS, Host-based Security System), firewalls (ForcePoint NGFW, Palo Alto Networks), McAfee Web Gateway, and signature based IDS systems (Snort).
· Created and maintained automated initial system setup via PowerShell/Bash.
· Implemented public key infrastructure (PKI) authentication methods compliant with DOD requirements.
· Utilized Remedy for ticketing day-to-day operations for Tier 1 support.
· Ensured software licensing and time-compliant technical orders from AF/DISA were accomplished.
· Managed inventory and maintenance of Information Technology equipment infrastructure-wide.
· Developed initial system documentation and operations contingency procedures from no previously existing documentation/procedures.
· Developed and performed mitigation plan and performed remediation activities based on the findings to resolve network and system vulnerabilities to meet DOD compliance requirements.

TECHNICAL STRENGTHS

Certifications	Security+, CISSP (in-progress)
Languages	Java, Python, PowerShell, SQL, MATLAB, LaTeX
Systems	Windows, Debian, Red Hat, CentOS

PROJECTS

Merced College Planner *Deprecated*
The Merced College Planner (MCP) is a web application that provides students with a method of determining the specific classes they need to take in order to transfer to either a California State University or University of California. MCP is built on Python with the Django Web Framework.