



Alan Sanchez

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EXPERIENCE

Infinity Systems Engineering: TAPM Mission Specialist August 2024- Current

- Analyzing the MIL/AEHF constellation and terminals using Mission Planning Subsystem tools such as resource monitoring and apportionment planning.
- Supporting operations impact assessment for any anomalies in protected MILSATCOM.
- Gathering and consolidating constellation resource data from Cam data and the RSSC reports.

Deloitte: Government and Public Services Cyber Advisory Intern June2024- August 2024

- Utilizing Salesforce tools to modernize and digitalize the process of signing hard paperwork by using the electronic signature tool which adheres to DODs electronic signatures standards.
- Utilize Salesforce Omnistudio for document generation that creates an end-to-end data intake process from user input and a classifier verification.
- Created AI use cases and developed a GenAI app using CFG.AI to aid the aid practitioners in DSJ use cases in the Innovation GENAI challenge
- Presented a Salesforce Form generation and data intake demo for the DOD client and an AI App core demo for the Deloitte AI challenge council.

Infinity Systems Engineering MPE (Mission Planning Element) Help Desk Technician August 2023- June 2024

- Providing guidance and assistance to global commands involved in combat operations, ensuring the proper installation, and updates of new Department of Defense (DOD) software, while also troubleshooting connectivity issues.
- Initiate a data purge and retrieval process to address and fill any existing data gaps.
- Management of updating, patching and implementing protocols for equipment that are use to teach Comm Planners courses around the world.

Catalyst Campus for Technology and Innovation: Catalyst Accelerator project August 2023- December 2023

- Converted raw data into a usable format and generated a comprehensive data analysis report based on the gathered information.
- Delivered a data analytics report about the Catalyst accelerator program, presenting it in front of key representatives from the Department of Defense (DOD) and senior executives of prominent corporations.
- Member of an innovation team that met the requirements of the client using data analysis from multiple cohorts.

Infinity Systems Engineering TAPM (Transitional Approach for Protected MILSATCOM) Internship May 2023 - August 2023

- Debugged and edited Access Databases to fulfill client's request.
- Fixed and modified Macros, front ends, and back ends of dashboards in software tools.
- Finished the Comm Planners Course and learned MILSTAR and AEHF satellites.
- Executed and released C2 official messages to combative global commands.
- Submitted Reports such as Daily EHF user advisory, MILSTAR/AEHF resource trending analysis, and Anomaly quads.
- Generated and distributed ephemeris to combative global commands every week.
- General experience with crypto keys and endorsements.

United States Marine Satellite Operator (0621,0623,0627), September 2016- July2020

- Records Management billet
- Global Command and Control Systems (GCCS) Clerk



- Created service requests for new crypto keys using the Oracle interface.

EDUCATION/CERTIFICATES

- University of Colorado Colorado Springs (UCCS) Bachelor of Innovation in Computer Security. GPA 3.69. Expected Graduation December 2024.
- SOC-Centurion cyber security Analyst level 1 training with JIRA ticketing
- Comm Planner System, and Mission Planner Software Systems
- Security+ certificate, expires Oct 9th, 2027
- Azure Fundamentals, expires Aug 8th, 2027

CLEARANCE

- Top Secret, granted 09/17/2024

MISCELLANEOUS/ADDITIONAL KEYWORDS

- Language programs: Java, Unix/Linux, Assembly, Python, Windows PowerShell, VBA, Django, R, mySQL and C .
- Software interface: Salesforce Omnistudio, Salesforce eSignature, Salesforce flows, Salesforce object manager, and Oracle database server.
- Software: Office365 applications, Salesforce, Access databases, Active Directory Domain Services, Eclipse, GitHub, Visual Code, Azure Cloud, MPSS and Visual Studio
- Cyber security tools: metasploit, burpsuite, nessus, IDS-suricata, Netcat, NMAP, IPS logs, solarwinds IPmonitor, SIEM, IEM and virus total.