



# DR. FRANCISCO (FRANK) POLZIN

## D. COMP. SCI., CISSP

### PROFESSIONAL PROFILE

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Since learning BASIC on a Tandy Color Computer II at the age of 10, I have had an insatiable curiosity about technology and its radical evolution over the past several decades. As an Army Data Network Engineering Officer, I have applied my skills as a technician and leader to help and encourage others to develop themselves professionally while ensuring the mission is always successfully completed. My love for learning motivated me to complete my doctoral degree in computer science through Colorado Technical University in 2019. I want to ignite in others a passion to overcome the challenges of a constantly evolving cyber threat landscape.

I am seeking to enable student success as an adjunct professor at Texas A&M University Central Campus by applying the experience gained as a leader through my 18-year military career and the thorough understanding of IT as a recognized scholar-practitioner.

### PROFESSIONAL EXPERIENCE

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**Senior Test Officer**  
U.S. Army Operational Test Command  
Temple, Texas  
July 2021 - Present

Provides technical expertise on network communications systems for land-based and satellite communications platforms. Provides leadership and guidance to assigned military, Department of the Army civilians, and contractor personnel. Coordinated the timely execution of operational test plans to ensure information systems are realistically evaluated against criteria for operational effectiveness, suitability, and survivability. Enabled the rapid onboarding of three (3) new Test Officers responsible for critical operational test activities representing over \$3.1M in budgetary spending. Established new soldier accountability processes – accounted for 12 Soldiers under 16 minutes in response to a Killeen mall shooting in 2021, a command first.

**Assistant Chief of Staff - Signal**  
377th Theater Sustainment Command (TSC) - US Army Reserves  
Belle Chasse, Louisiana  
Aug 2018 – June 2021

Served as the primary action officer for the full range of information technology (IT) and information management (IM) plans, projects and programs. Developed and executed tactical plans to mitigate communications security risks of systems spanning 34 states representing over 35,000 Soldiers and 20+ units operating in NORTHCOM, CENTCOM and EUCOM. Established the secure knowledge sharing platform, redundant network topology, and operating procedures for 100+ users in support of ARNORTH southwest border actions and COVID-19 medical logistics missions.

**Cybersecurity Network Engineering Officer**  
Defense Information Systems Agency (DISA) Global Operations Center  
Scott AFB, Illinois  
Nov 2015 – Jul 2018

Ensured the availability and security of the Department of Defense Information Network (DoDIN) consisting of over 600 individual network devices and 10 internet access points. Directed and monitored worldwide network operations contract support worth over \$75M annually. Maintained a 99.9% uptime rate for Internet Access Point Boundary services relied upon by seven (7) combatant commanders, all military branches, the Secretary of Defense, and the President. Coordinated resources for the successful execution of 21 USCYBERCOM counter-ISIS cyber operations.

### SKILLS

Small Team Leadership,  
Academic Research,  
Cybersecurity Operations,  
Microsoft Azure Administration,  
Amazon Web Services  
Administration,  
Microsoft SharePoint  
Site Collection Administrator,  
Adobe Acrobat Pro

### IT CERTIFICATIONS

(ISC)<sup>2</sup>  
Certified Information Systems  
Security Professional (CISSP)  
Earned Jul 2012  
Expires Jul 2024

Microsoft  
Azure Administrator (AZ-104)  
Earned Feb 2022  
Expires Feb 2023

Amazon Web Services  
Certified Architect - Associate  
Earned May 2022  
Expires May 2025

## ACADEMIC CERTIFICATES

### Hong Kong Polytechnic University

Knowledge Management and Big  
Data in Business

Grade: Pass  
Completed Jun 2017

Washington University in St. Louis  
Professional Certificate Course  
Field of Study: Cybersecurity

Grade: Pass  
Dates attended: 2016 – 2018

### The Cybersecurity Forum Initiative

Intro to Cyber Warfare and  
Operations Design  
Completed Aug 2021

**Network Project Engineer**  
US Army Information Systems Engineering Command (ISEC)  
Fort Huachuca, AZ  
Sep 2012 – Jul 2015

Supervised engineering, security evaluation, management, and tracking of all assigned information systems. Assessed customer IT requirements, conducted reviews of contractor-designed plans, and oversaw on-site installation and configuration to ensure customer satisfaction and systems compliance with Army and DoD policies. Coordinated the installation of a key \$5.8M headquarters facility upgrade to Gigabit Passive Optical Network (GPON) and Virtual Desktop Infrastructure (VDI) supporting 2000+ users. Developed the curriculum and executed a \$97K training budget for eight (8) base network support personnel assigned to operate and maintain VDI and GPON infrastructures.

**Operations Officer**  
**93<sup>rd</sup> Signal Brigade (Strategic)**  
Fort Eustis, Virginia  
Aug 2007 – Sep 2011

Served as the Brigade Orders Production Management Officer for 36 Operational Network Enterprise Centers (NECs) providing network services to the eastern continental United States. Integrated and synchronized staff and subordinate units to expedite operations orders creation and dissemination. Drafted and edited briefing and reporting products for senior executive review. Entrusted with high-visibility projects and unit-level activities, including a week-long conference for 26 Brigade-level commanders. Established a new internal order tracking system to manage 150+ actions and 80+ information requests.

**Embedded Training Team Signal Officer**  
Combined Joint Task Force – Phoenix  
June 2008-August 2009  
Kabul, Afghanistan

Served as an Embedded Mentor and Advisor to an Afghan National Army (ANA) Infantry Kandak (Battalion equivalent) responsible for the security of Kabul Province (Northern Region) as part of Operation Enduring Freedom. Mentored four (4) ANA staff officers on essential staff functions, Soldier accountability, training, maintenance, logistics and security operations. Developed and executed a 3-week training plan for 30 ANA non-commissioned officers in support of Afghan Armed Services transition to M16 rifles and NATO-compliant vehicle mounted weapons systems.

## EDUCATION

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### Colorado Technical University

Doctor of Computer Science (D. Comp. Sci.)  
Concentration: Enterprise Information Systems  
Grade: 3.87

Summary: COMPLETED the Doctor of Computer Science program, including the publication of a dissertation focused on the impact of analytics on knowledge management activities supporting IT service desk operations.

### University of Maryland Global Campus

Master's Degree  
Field of Study: Information Technology  
Grade: 3.69

### Louisiana State University and Agricultural and Mechanical College

Bachelor of Science (BS)  
Field of Study: Computer Science  
Grade: 3.10