# Michael Galde

## Cyber Operations/Cybersecurity Engineer

## Contact

2781 W Desert Shadows Pl
Tucson, AZ 85745

(202) 999-7997
Michael.galde@outlook.com
linkedin.com/in/mgalde/
github.com/mgalde

## Certifications

Global Industrial Cyber Security
Professional (GICSP)
GIAC Response and Industrial
Defense (GRID)
Wireshark: Malware and Forensics

## Publications & Media

- KGUN Channel 9-featured on the local news to discuss Ukraine – Russia Cyber impact (February 22, 2022)
- KGUN Channel 9-featured on the local news to discuss Tucson Electric Power Cybersecurity concern  (March 1, 2022)
- Key Speaker for Arizona (ISC)² conference (March 17, 2022)

## Profile

Innovative, energetic, and knowledgeable cybersecurity engineer with experience in industrial cybersecurity applications, training, and business cyber relationships. This includes mock malware scenarios to test responses, the development of individualized reports, and feedback tailored to the user's technical ability to ensure all participants receive the same level of understanding for improvement moving forward.

## Experience

*January 2020 – Present*
Professor of Cyber Operations • University of Arizona • Tucson, Arizona
Teach the following courses:

- Introduction to Cyber Operations
- Network Analysis and Methods
- Malware Analysis

Developed the following courses from scratch:

- Introduction to Industrial Controls Systems Security
- Networking Security
- Malware & Reverse Engineering

Engage students with individualized tutoring and hands-on assistance. Draft, edit, and produce content for monthly cybersecurity publication – "The Packet." Generate grant proposals to perform research related to topics in the fields of cyber-physical systems and cybersecurity.

*May 2017 – January 2020*
Cyber Security Engineer II • Nebraska Applied Research Institute • University of Nebraska, Omaha, Nebraska

- Conduct reverse engineering, binary analysis, and vulnerability research activities.
- Perform vulnerability assessments on various software applications, architectures, and platforms.
- Create vulnerability research tools which include file and network protocol parsers and fuzzer.
- Drafted technical documentation, technical status reports, and source code comments.
- Managed client relationships and expectations with effective and clear communication.

*April 2014 – April 2016*
Cyber Intelligence Analyst • Defense Intelligence Agency (Buffalo Group) • Washington, DC

- Provided forensic technical analysis of exploited communication networks.
- Identified and provided commentary on emerging trends and threats from multiple intelligence sources.
- Authored intelligence community products to inform elected and federally appointed decision-makers.

*February 2012 – April 2014*
Policy Analyst Internship • United States Strategic Command • Offutt Air Force Base

- Researched, edited, and produced strategic intelligence community assessment papers relating to Southeast Asia and the Middle East.
- Identified strategic decision-makers and researched the decision-making calculus, motivations, perceptions, and organizational culture.
- Conducted statistical data research for interagency research projects and presented research to working groups outside of intern duties.

*February 2005 – April 2010*
Intelligence Analyst 35F • United States Army • Fort Hood, TX

- Served in two year-long combat deployments, one in Afghanistan and one in Iraq.
- Analyzed multiple insurgent groups.
- Identified leadership structure, organizational culture, and goals and acquired insight into daily operations.
- Performed forensic exploitation analysis of electronic devices and wireless communication systems.

## Education

*2016-2019*
Masters • University of Nebraska • Omaha, Nebraska
Cybersecurity

*2013*
Bachelor of Science • University of Nebraska • Omaha, Nebraska
Political Science