

## TECHNICAL SKILLS

<b>General</b>	Slack, Google GSuite, Google Sheets, Microsoft Office, Airtable, Trello
<b>IT</b>	Windows Server, Cisco/Meraki, Powershell, GSuite Administration, Network Troubleshooting, Windows Desktop
<b>Software</b>	Github, Java, Apache TOMcat, Golang, Revel, National Instruments RoboRIO, Arduino, SQL, Batch, Powershell
<b>CAD/CAM</b>	Autodesk Inventor, Grabcad, Onshape, InventorHSM, VCarve, Cura, Solidworks
<b>Machines</b>	Haas, Stratasys uPrint, WinCNC, Shopsabre CNC, 3D printers

## CERTIFICATIONS

**CompTIA Security+** - (Issued Dec 2020, Renewal date Dec 2023)

**(ISC)<sup>2</sup> Certified Information Systems Security Professional** - (Issued Nov 2022, Renewal date Nov 2025)

## EXPERIENCE

### United States Air Force, Edwards Air Force Base, CA

*Information Technology Specialist - October 2020 - Current*

- With guidance and assistance is responsible for troubleshooting and diagnosing all hardware, software, network failures, in addition to providing a solution for every service request elevated to the assigned tier
- Performs hardware support such as installation of hardware component level upgrades including, disk drives, motherboards, network interface cards, CD-ROMs, video cards, memory, and other internal boards
- Responsible for the receiving, imaging, inventorying, and deployment of all new and refresh systems, in addition to the proper removal of the outdated systems on the Edwards network
- At the direction of senior level technicians will provide support in the daily operations and sustainment of enterprise configuration management
- Documents and provides input on current procedures and standards for response to major enterprise outages, network backup and recovery, desktop configurations and interfaces, administration, security auditing, and connection monitoring
- Provides support at the direction of senior security technicians with the installation, configuration, and integration of hardware and software from a project or organization to the base desktop operational environment

### The Palmdale Aerospace Academy, Palmdale, CA

*Network Systems Administrator - June 2017 - July 2019*

- Developed system and campus wide maintenance and service procedures
- Assisted in setup and configuration of a 2500 client device network with Cisco and Cisco-Meraki technologies
- Windows server administration, device specs and procurement
- Digital fabrication equipment support

*Network Systems Technician - June 2015 - June 2017*

- Developed and operated processes to provision and deploy over 2000 Windows and ChromeOS devices.
- Installation and maintenance of legacy wireless networking infrastructure
- Administered servers running Windows Server 2008 and Windows Server 2016
- Generated device specifications and procurement procedures

### NASA Armstrong Flight Research Center, Edwards, CA

*Intern - Instrumentation Branch - June 2015 - August 2015*

- Designed test fixture in Autocad for thermal sensor evaluation and testing
- Wrote test procedures and oversaw functional testing process to characterize thermal and atmospheric performance of a thermal sensor

*Intern - Operations Branch - January 2015 - May 2015*

- Developed a calendar module for the DC-8 Operations Portal utilizing Java and Apache TomEE and Tomcat web servers

## EDUCATION

**Antelope Valley College - Mathematics / Computer Science - Fall 2013 - Spring 2016**

- 56 units completed including 9 units in computer science and 20 in mathematics and physics

## VOLUNTEER EXPERIENCE

**FRC Team 399 Eagle Robotics, Lancaster, CA - Lead Engineering Mentor - December 2019 - Current / August 2013 - June 2019**

- Mentoring high school students in mechanical design in Autodesk Inventor, software development in Java, and project management

**FRC Team 5012 Gryffingear, Palmdale, CA - Team Advisor / Lead Engineering Mentor - August 2013 - June 2019**

- Coordinated with school administration to facilitate robotics program
- Mentored students in mechanical design, CNC machining, Project management, and Java programming
- Coached the team to 3 regional wins and a world championship title.

**Robotics Event Volunteering - Event Director, Referee, Control Systems Advisor, Inspector, Webmaster - August 2013 - Current**

- Volunteered at dozens of FIRST Robotics events around the Antelope Valley
- Held multiple technical and nontechnical volunteer positions with an emphasis on providing a positive experience for student participants

## PERSONAL PROJECTS

- (2020) Manufactured over 1000 PPE accessories for frontline workers at Antelope Valley Hospital
- (2017-Current) Currently maintaining a personal portfolio site powered by the Revel framework with Go with basic SQL database backend. (<http://www.jgermita.me>)
- (2016-Current) Design and build combat robots for competition (<http://www.jgermita.me/level5>)
- (2015) Pioneered the use of Monte Carlo simulations-based analysis in competitive robotics.

## AWARDS

**412th Communications Squadron Staff/Technician Award Winner - 4th Quarter 2021**

**FIRST Tech Challenge Compass Award - 2014 Los Angeles Regional**

The Compass Award recognizes an adult Coach or Mentor who has provided outstanding guidance and support for a team throughout the year, and demonstrates to the Team what it means to be a Gracious Professional. I am the youngest person to receive this award at the regional level.