TRAVIS L. RALPH

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PROFESSIONAL PROFILE

Highly motivated, result-driven, detail-oriented leader with 23 years' international experience in leading engineering IT solutions, agile product management, cyber security, and risk assessment. Corporate problem solver and agile learner, specializing in innovative product adoption spanning multiple organizations.

CERTIFICATIONS & FAMILIAR TECHNOLOGIES

AWS Certified Security-Specialty (SCS) • AWS Certified Solutions Architect-Associate (SAA) • AWS Certified SysOps Administrator-Associate (SOA) • AWS Certified Developer-Associate (DVA) • Certified Information Systems Security Professional (CISSP) • GIAC Certified Forensic Analyst (GCFA) • GIAC Security Information Professional (GISP) • GIAC Security Essentials Certified (GSEC)

Agile system design, ITIL, CIS, NIST/RMF; Windows, Linux, and macOS; PowerShell and CLI; VMware; AWS cloud; ICS/DCS; Cisco, AD, Bluecoat proxy, Sidewinder, VSAT; Citrix; SIEM, UBA/UEBA; bash scripting, JavaScript, JASON, Python, mysql; Metasploit, Wireshark, tcpdump, nmap, netcat

CAREER EXPERIENCE

Cloud Computing Technical Instructor & Ambassador Military Veterans   Aug 2018-Dec 2019
A Cloud Guru, an AWS Advanced Consulting & Education Competency Partner
- Host of ACG Release Reviews, a monthly tech review and demonstration of new AWS services
- Author and technical instructor of GovCloud:BeyondTheBuzzwords, and other cloud computing, presentations and training performance labs
- Focus on veteran success efforts to up-skill and retool for post service success: speaking engagements, education and tuition awareness, mentorship programs

Director of IT Operations   Jan 2017-Present
717th Information Operations Squadron, Air Force Reserve
- Architected, implemented, and measured effectiveness of on-premise and cloud based architectural solutions
- Advanced Department of Defense Cyber training and infrastructure support through integrating corporate skill, ability, and technology via Air Force Reserve partnerships
- Provided Air Force Research Labs with mission assurance efforts through proactive cyber vulnerability assessment, cyber threat analysis, and blue/red team penetration planning
- Researched and analyzed emerging information technology security vulnerabilities, threats vectors, exploits, and cyber threat intelligence to develop information exchange boundary risk mitigation
- Oversaw 46 technical instructors, engineers, and logistical operations personnel for the Air Force cyber training program
- CCAF certified instructor teaching Linux forensics, mission assurance, cybersecurity, and adversary/threat vector profiling
- Instructional System Design certified providing technical authoring, lab creation, editing, and review
- Assured timely/reliable screening, hiring, onboarding, and retention of teachers and infrastructure team
- Procured/manage annual budget: tier 3 tech support, vendor contracts, travel, full/part-time employees

Director of Business Intelligence   Jan 2014-Dec 2016

2nd Special Operations Squadron, Air Force Reserve

- Led and mentored 44 intelligence professionals; responsible for analyzing competitor strengths, weaknesses, and potential courses of action
- Assessed BI analytics processing strengths and weaknesses to drive strategic process improvement for a $100 million dollar, globally connected Remotely Piloted Aircraft (RPA) Operations Center
- Coordinated analysts and data collection activates towards customer product automation and evolution
- Oversaw R&D of emerging BI collection and warehousing opportunities for global operations

Business Intelligence Quality and Compliance Manager   Jan 2012-Dec 2014

- Identified, created, and implemented cross-department BI project manager guidance and training program; strengthening managers while reducing overhead through training and human resources sharing
- Site lead for cross-country operations' center relocation; liaised with facilities and IT teams to guide successful information system integration, approval to operate, and activation of operations center
- Applied Cyber Vulnerability Assessment towards NIST/RMF certification and accreditation
- Developed quantifiable goal tracking for efficient and accurate BI collection and dissemination
- Trained 80 intelligence professionals, 14 intelligence instructors, and 10 intelligence evaluators

Head of Business Intelligence Innovation and Engineering   Oct 2008-Dec 2011

- Stakeholder helping to engineer, staff, train, and equip first stand-alone Air Force Reserve RPA squadron
- Developed business intelligence engineering methodologies and led intel systems software creation
- Liaised with other scientific think tanks throughout community to collaborate collection methodology
- Partnered with cross-functional teams to create collaborative UBA Tactics Techniques and Procedures
- Chaired community wide effort to provide simulation opportunities to enhance future performance
- All-source business Intel instructor: political, military, economic, social, infrastructure, and info systems

Head of Information Systems   Mar 2004-Sep 2008
169th Intelligence Squadron, Air National Guard

- Lead, coach, and empower 26 IT professionals supporting a nationwide network with 2,000 users and a mobile network infrastructure: Cisco, VSAT COMM, Active Directory
- Provided requirements interpretation and technical direction for NetCentric aerial collection platforms
- Wrote, directed, and integrated NIST/RMF certification/accreditation of global information centers
- Budgeted/forecasted vendor contract procurement, SLA negotiation, and statement of work creation

Network Security Administrator   Mar 2001-Feb 2004
75th Communications Squadron, Air Force

- Accessed control and intrusion detection towards information assurance, confidentiality, and integrity
- Application automation and database management via C++, mysql, access, expect, bash scripts
- Network session trouble shooting of e-mail, Internet, and individual application traffic

United States Marine Corps   Nov 1996-Nov 2000

ADDITIONAL

- Top Secret//SI/TK/G/HCS (DCID 1/14 Eligible), Tier 5R security clearance: 15 Nov 2019
- Air Force High Potential Officer, selected annually for Key Personnel Leadership List: 2014-2019
- Numerous leadership and performance awards; available upon request
- Private Pilot's License

EDUCATION

WEBSTER UNIVERSITY – Masters of Business Administration (MBA)   May 2005
PARK UNIVERSITY – B.S. in Management/Computer Information Systems   May 2003