

JENNIFER S. DENICHOLAS

EDUCATION

2002-2005 University of Arizona Tucson, AZ

- Master of Engineering: Systems Engineering
- Professional Certificate: Technical Engineering Management

1993–1997 Purdue University West Lafayette, IN

- Bachelor of Science: Computer and Electrical Engineering
- Minor: Political Science
- Commission: Second Lieutenant, United States Air Force (USAF)

EXPERIENCE

Sept 2011 – Present NEON, Inc. Boulder, CO

SYSTEMS ENGINEER II

- System and sub-system requirements specification and allocation, interface and liaison between Science (both Instrument and Observation systems), Engineering, Facilities & Civil Construction, Environmental Health & Safety and the Field Operations organizations.
- Active participant in engineering design reviews analyzing designs against requirements.
- Authored operational concept documentation and operational scenarios used for acceptance testing of tower sites and Domain Support Facilities, conduct on-site operational acceptance testing and co-authored training materials used by field personnel.
- Ensure requirements compliance of the Engineering design by working closely with the Systems Integration and Verification Team.

Oct 2006 – Sept 2011 DeNicholas, Inc. Longmont, CO

FULL TIME MOTHER

Sep 2001 – Oct 2006 General Dynamics – AIS Tempe, AZ

PRINCIPLE ENGINEER - SYSTEMS July 2004 – Oct 2006

SR. ENGINEER - SYSTEMS Sep 2001 – Jul 2004

- System, sub-system and software requirements specification and allocation, scenario data analysis, domain knowledge collection, user interface design, HW and SW integration, testing and debugging, system verification and validation, test plan development, writing of operational, maintenance and reference manuals.
- HW and SW field support, hands on training to the customer and the users of the system, product demonstration at various trade-shows.
- Go-to person for interfacing and collaboration with outside companies and government agencies. Created promotional materials, including video of product.

Jul 1997 – Aug 2001 United States Air Force (USAF) Various

14N3, INTELLIGENCE OFFICER

- Supervised 10 personnel and managed over \$450,000 worth of assets located in 8 geographically separated satellite offices supporting F-16 flight operations on a daily basis.
- Temporary duty assignment as the primary liaison between US Armed Forces and NATO intelligence community for dynamic re-tasking of imagery reconnaissance assets.
- Go-to person to brief VIPs, helped benchmark documentation used by several outside agencies to include: AF Research Laboratories, ANG, and USMC. Honorably discharged at the rank of Captain.