

# Terri L. Sipantzi

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## OBJECTIVE

### **Resident Professor position, Computer Science/School of Engineering.**

Today's software development companies are looking for graduates that can integrate into engineering teams rapidly in all phases of development: requirements analysis, software design, coding, testing, and deployment. My experience uniquely qualifies me to help Liberty's graduates to meet this challenge.

## STRENGTHS

- 15 years Technical Project & Program Management (from \$200K to \$48M)
  - Business process reengineering
  - Requirements specification
  - Software & Systems engineering and integration
  - Database design
  - System deployment
- 4 years college recruiting for technical positions
- 4 years teaching in one-on-one and classroom settings
- 3 years teaching online Information Systems and OO Programming courses
- 1 Semester teaching Data Structures & Algorithms and Visual Basic Programming
- 25 years Military and Industry leadership (team sizes 12-200)
- 9 years running my own business

## EDUCATION

**M.S., COMPUTER SCIENCE**, California Polytechnic University (San Luis Obispo), 1988  
**B.S., ZOOLOGY & BIOLOGY**, California Polytechnic University (Pomona), 1977  
FAA Examiner's Course, Oklahoma City, Oklahoma, 2006  
Light Sport Aircraft Repairman's Course, Corning, California, 2007  
FAA Airworthiness Certification Course, Oklahoma City, Oklahoma, 2007

## RELEVANT EXPERIENCE & ACCOMPLISHMENTS

### LIBERTY & PHOENIX UNIVERSITIES

2009-Present

#### **Adjunct Professor.** Taught and continue to teach the following online courses:

- Object-Oriented Programming with Java
- Introduction to Programming in Visual Basic
- Object-Oriented System Analysis and Design
- Project Management, Information Systems
- Introduction to Information Systems
- Data Structures and Algorithms

## SRA INT'L

1992-2003 (Retired)

Demonstrated  
Program  
Management  
Experience

**Senior Principal. Program Manager, U.S. Army's Force Management System.**

Budget: \$48M. Led the development of the Army's new, integrated Force Management System. This large scale C# and .Net software development project will replace four aging stove-pipe systems currently used by the Army to develop force structure and manpower/equipment authorizations.

**Business Program Manager.** Planned and managed growth and execution of SRA's Command and Control programs. Provided program management and business development direction for an organization covering over 30 projects spread across 7 Department of Defense contracts.

**Technical Director, Commercial Sector.** Orchestrated the execution of all of the Commercial Sector's technical projects. Responsible for developing and implementing the sector's process improvement program.

**Program Manager, Global Command & Control System (GCCS).** Budget \$42M. Managed the migration of the World Wide Military Command and Control System (WWMCCS) database, along with its supporting distribution and management infrastructure, to the GCCS environment. Oversaw the development of the Joint Operations Planning and Execution Scheduling and Movement System (S&M) developed in Ada.

## US ARMY

1978-1992 (Retired)

Demonstrated  
Leadership and  
Project Experience

**Defense Information Systems Agency (DISA), 1991-1992. Systems Engineer and Project Management Specialist (Rank of Major).** Revamped software prototyping process for major Department of Defense deployment system.

**5th Signal Command, 1989 to 1991. Program Manager and Systems Engineer (Captain through Major).** Directed all US Army infrastructure software and systems integration projects for US Army Europe and Desert Storm.

**Infantry and Special Forces Assignments, 1978-1989, (Lieutenant through Captain).** Lead military organizations from 12-125 men.

## PRECISION WINDSPORTS, INC.

2004-Present  
Demonstrated  
Teaching Experience

**President, Precision Windsports, Inc., Lynchburg Regional Airport ([www.PrecisionWindsports.com](http://www.PrecisionWindsports.com)).**

- Built Precision Windsports into a industry leader in less than 4 years
- 8 years as a flight and maintenance instructor: one-on-one and classroom
- Acknowledged expert (by both the FAA and industry) in Light Sport and Recreational Aviation
- Frequently published in Light Sport Aviation magazines



## COMMUNITY SERVICE

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### CIVIL AIR PATROL

2006-2010

**Deputy Commander for Cadets.** Providing oversight of the cadet program and development of the cadet chain of command. Responsible for mentoring aspiring cadet leaders.

**Chief Tactical Officer, Encampment 2008.** Oversaw the coordination of cadet tactical officer activities during their 9 day basic training. Also participated in the 2006 & 2007 Encampments as a Tactical Officer.

### LHSAA

2011-2013

**Lynchburg Home School Athletic Association.** Served as Board Member and Secretary. LHSAA provided junior high and high school home schooled kids with team sporting opportunities in cross country running, soccer, and basketball.

## CHURCH AFFILIATION & TESTIMONY

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**Accepted Christ as my Savior when I was 7 and continue to trust in His grace.**

**Believe the Bible to be the inerrant Word of God which includes the belief that God created everything and He did it in six 24 hour days as described in the book of Genesis.**

**Member in good standing of Heritage Baptist Church of Lynchburg.**