

FRED M. D'ANGELO

CAREER PROFILE

University adjunct faculty member with seven years of experience.

Community College faculty member with 11 years of full-time experience and 6 years of part-time experience.

Financial and IT professional with over 20 years of diverse experience including financial analysis, financial applications development, financial modeling and reporting. IT competencies include:

Networks Ð Cisco switches and routers, WireShark
Applications/Languages Ð Java, Python, C/C++, SQL, Excel VBA
Databases Ð MySQL, MariaDB, SQL Server, MS Access, JDBC, ODBC

PROFESSIONAL EXPERIENCE

University of Arizona College of Applied Science & Technology, Sierra Vista, AZ 2016-present
Taught Introduction to Informatics with Python, Object-Oriented Programming, Database Fundamentals and Comparative Programming Languages.

Pima Community College, Tucson, AZ 2010 Ð 2016 & 2007 Ð 2008
Community College Computer Information Systems faculty member
Taught programming (C++, Java, Python), database design and SQL courses. In addition:

- ¥ Worked with University of Arizona Computer Science Department to ensure transferability of courses
- ¥ Contributed to writing a successful Title III HSI Grant Application
- ¥ Contributed to writing a ÖTechHireÓ Grant Application
- ¥ Helped co-ordinate efforts to develop course and program student learning outcomes
- ¥ Served on various committees and task forces: Search Committees, Academic Advisory Committee, College Curriculum Committee, Academic Standards Committee, Assessment Task Force and program review committees
- ¥ Revised course and curriculum content
- ¥ Wrote the draft student learning assessment section of a compliance report filed with PCCÖs accreditor

Pima County RecorderÖs Office, Tucson, AZ 2009 Ð 2010
Software developer
Developed components of a document management system using C#, .Net Framework and Oracle database.

Manchester Community College, Manchester, CT 2001 Ð 2007
Community College Computer Science & Technology faculty member
Taught programming languages (C++, Java), networking, operating systems and introductory courses. In addition:

- Chaired Academic Technology Advisory Committee which provides technology support to Academic Dean.
- Planned and built network infrastructure lab using Cisco equipment.
- Participated in college search committees, faculty senate committees and public education committees
- Conducted workshops at the annual Connecticut State University Academic Computing Conference.
- Participated in curriculum planning for Computer Technology Department.
- Tutored students in developing writing skills.

Fred M. D'Angelo Page 2

MIDDLESEX COMMUNITY COLLEGE, Middletown, CT 1999 Ð 2002
Adjunct Faculty
Taught courses and developed curricula for: Visual Basic and Java. Participated in curriculum planning

NORTHEAST UTILITIES, Berlin, CT 1980 Ð 2001
Senior Network Analyst 1997-2001
Responsible for installing, configuring and managing remote access services and Cisco switches and routers.
Introduced VPN which improved remote access performance and saved thousands of dollars per month.

Authored first network technology plan used by IT VP to explain network operations to senior management.
Selected and deployed equipment for enabling electric service meters to be read remotely via modems.
Improved Help Desk efficiency by contributing procedures to a Remedy ARS knowledge database..

IT Architect 1996 Ð 1997

Responsible for evaluating products and technologies for potential benefits and compatibility with corporate technology architecture.

Key member of a team that researched and selected help desk automation/problem-tracking software

Key member of a team that researched and selected an OLAP decision support database.

Designed and programmed visual interface to assist operations staff in monitoring the status of IP devices.