Sheryl Berling-Wolff

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Work Experience

ITT Technical Institute — Tempe, AZ — 7/2012 – Present
Library Assistant

Tutoring adults one-on-one and small groups in I.T. and networking, math, physics, software development, Microsoft products, etc.; Coordinate student internships and work experience; Classroom assistant and substitute instructor as needed.

Teaching: Math, Science and Technology — 2006-2010

- Learning Foundation and Performing Arts Charter - Title I Math Tutoring; Maintained computer lab; taught computer electives including MS Office products and other design applications
- Maricopa Wells Middle School, Maricopa, AZ : 8th Grade Science
- ITT Technical Institute Adjunct: College Math
- Horizon Community Learning Center, Phoenix, AZ : 7th/8th Grade Math

Arizona State University — Tempe, AZ — 8/2000 to 12/2001
Research Assistant

Landscape Ecology and Modeling Lab, CAP-LTER - Research into simulation modeling of ecosystems to develop new modeling tools to study complex system dynamics.

Rockledge Services — Phoenix, AZ — 1/1994 to 12/2002
Experiential Educator

Sole Proprietor - Contract Services in Outdoor Leadership, Training and Education for Youth and Adults; Ropes Course Director/Facilitator; Developed and presented workshops, coordinated logistics and scheduling

Motorola Computer Group — Tempe, AZ — 1982 –1994
Staff Systems Software Engineer

Project planning and management, from design through implementation, testing and release of operating system and application software products

Sheryl Berling-Wolff

Education

Chandler-Gilbert Community College, Gilbert AZ, 2011-2012
Hardware and Desktop Support Certificate (June 2012)

Rio Salado Community College, Tempe AZ, 2003-2005 and Continuing Education
Post-Bacc. Teacher Certification Program; Continuing Professional Development

Arizona State University, Tempe AZ, 1996-2002
M.S. Plant Biology – Thesis Emphasis: Urbanization and its ecological consequences using computer-based modeling, GIS, and spatial analysis

University of California at Berkeley, Berkeley CA, 1976-1982
B.A. Computer Science

Certification

Teaching Certificate: AZ Standard Secondary Education 7-12 with Endorsements in Mathematics, General Science, Computer Science K-12 and SEI K-12

Publications

- Berling-Wolff, S. and J. Wu. 2004. Modeling urban landscape dynamics: A case study in Phoenix, USA. Urban Ecosystems 7:215-240

- Berling-Wolff, S. and J. Wu. 2004. Urban growth models: A historical review. Ecological Research 19:119-129