

Usha B. Midkiff

OBJECTIVE: Teaching position

SUMMARY:

- Ten years experience as an instructor in math and computer-related courses
- M.S. graduate in Computer Science and Mathematics
- Proficient with MS Office and MS Windows

EDUCATION: **M.S. in Computer Science**, 1985, University of Kentucky.
Thesis: "Observations on Input/Output Efficiency in C Programs."
Graduate G.P.A. = 3.79/4.00.
M.A. in Mathematics, 1983, University of Kentucky.
M.S. in Mathematics, 1981, University of Poona, India.
B.S. in Mathematics, 1979, University of Poona, India.

EXPERIENCE: **Fulltime Instructor**, August 2005 – present
University of Alabama, Department of Mathematics

- Teach Precalculus, Finite Mathematic, Business Calculus and Trigonometry
- Was the Course leader for Precalculus and Finite Mathematics, supervised GTAs, coordinated GTAs, maintained MyMathLab software, WebAssign software and Hawkes software

Part-time Instructor, August 2000 – Dec 2001
University of Alabama, Department of Computer Science

- Taught Beginning C++ Programming and Microcomputer Applications.

Programmer Analyst Senior, August 1997 – March 1999
University of Alabama, Office of Systems Development

- Applied time-of-solutions to Financial Aid programs.
- Modified Easytrieve programs and command-level CICS programs
- Supervised student interns.
- Tested the ACT, SAT, GRE, GMAT data load programs for the SCT-IA software.
- Migrated patron data from the NOTIS library system to the Voyager library system.
- Set up the feeds between the Voyager library system and the human resources and the accounting systems.
- Installed the 1998 Financial Aid Management regulatory changes for the Student Information System.

Programmer Analyst, August 1993 - July 1997
University of Alabama, Office of Systems Development

- Installed new releases of the NOTIS software.
- Developed SAS programs, provided technical assistance to librarians, troubleshoot CICS problems, analyzed and designed projects for the library, provided 24-hour production support.
- Installed two new releases of NOTIS in production, assisted with the loading of government document records, set up the VITLS process. Wrote SAS

programs to do reporting for Acquisitions, provided training with the system to other programmers.

Instructor, January 1987 - August 1993

University of Alabama, Department of Computer Science

- Taught COBOL, Advanced COBOL, IBM 370 Assembly language, Microcomputer Applications, FORTRAN, Programming Languages, Discrete Structures, BASIC, and Data Structures. Was Instructor of record responsible for planning and teaching. Supervised graders and selected textbooks.

Programmer Analyst, June 1985 - July 1986

University of Kentucky, Department of Chemistry

- Managed stockroom inventory and departmental accounts through a collection of programs in PL/I. Managed exam grading and lab grading programs for the Chemistry Department. Maintained alumni records for the Chemistry Department. Installed software, such as Lotus 1-2-3 and WordStar, on IBM/PC's. Provided consulting for CMS on IBM-3081 and for Lotus on IBM/PC's..

Graduate Teaching Assistant, August 1981 – May 1985

University of Kentucky, Departments of Computer Science and Mathematics

- Taught FORTRAN, BASIC, Calculus I, Calculus II, and Trigonometry. Was the instructor of record for these classes, responsible for planning, teaching and grading. Provided consulting for FORTRAN on the PRIME-850.

SKILLS:

Languages: C++

Operating Systems: Windows 8, Mac OS X

Applications software: MS Office 365

HONORS:

National Science Talent Scholar, India, 1976 – 1981

SERVICE:

Pearson Digital Advisory Board member 2015-2016

ACTIVITIES:

Delta Kappa Gamma International, Beta Chapter President, 2015 – present
Delta Kappa Gamma International, Beta Chapter Corresponding Secretary, 2010 – 2015

Rainbow Service Unit Cookie Manager, Tombigbee Girl Scout Council, 2001 – 2003

Woodland Forrest School PTA Membership chairperson, 1999 – 2000.

Birmingham User's Group for SAS, Birmingham, AL; Vice President, 1997.

Birmingham User's Group for SAS, Birmingham, AL; SAS Liaison, 1995 - 1996.

University Women's Club, Tuscaloosa, AL; Corresponding Secretary, 1989 - 1991; Treasurer, 1988 – 1989