KECIA Y. MAY

Education:

Emory University, Atlanta, Georgia
Bachelor of Science in Math and Computer Science, May 1989

Georgia Institute of Technology, Atlanta, Georgia
Master of Science in City Planning with an emphasis on Geographic Information Systems, December 1993

University of West Florida, Pensacola, Florida
Master of Mathematical Science, May 2019

Experience:

Embedded eCore Tutor
July 2014 – present; University of West Georgia.
Tutor students in courses such as Math Modeling, College Algebra, Pre-Calculus, Calculus, Statistics, Physics and Chemistry.

Assistant Dean, Math and Computer Science Teacher
June 1987 – present; Benjamin Franklin Academy; Atlanta, Georgia.

Teach math courses ranging from Pre-Algebra to Pre-Calculus. Teach Chemistry and computer courses (C++ Programming, HTML, Java and JavaScript). Over the years, I have taught a mixture of kids as well as adults including students who are dyslexic and ADD. Design formal and informal training sessions for administrative staff. These sessions involve training staff to properly use computers, backup computers, use fundraising software (Raiser's Edge 7) and Microsoft Office. I designed BFA's grading system as well as the transcript system.

Network Administrator
August 1990 – February 2002; Fulton County Environment of Community Development; Atlanta, Georgia.

Administer a Novell 3.x and 4.x network for the Environment Department. Configure and install all components of the LAN; troubleshooting backbone and inter-connectivity problems. Provide training support to users of the LAN. Determine hardware and software configurations between personal and mainframe computers; install related software and troubleshoot communication problems.

Computer Technician
August 1990 – February 2002; Fulton County Environment of Community Development; Atlanta, Georgia.

Configure, install, troubleshoot and resolve problems with computer system hardware and computer system software for the Environment Department.

Database Manager/Web-Based Programmer
August 1990 – February 2002; Fulton County Environment of Community Development; Atlanta, Georgia.

Conduct interviews with users to determine their programming needs or changes that need to be made to their CLIPPER5 or Web-based applications. Create DHTMLs that collect information from users and utilize JavaScript and PHP to store and retrieve data to an Oracle database. Create and maintain all CLIPPER applications that the Environment Department is currently using. Design and maintain all Oracle and Dbase databases. Lead programmer in converting old CLIPPER applications to web-based applications.

Computer Trainer
August 1990 – February 2002; Fulton County Environment of Community Development; Atlanta, Georgia.

Design formal and informal training sessions for department staff. These sessions involved training staff to properly use computers and computer software. Prepare and create training materials. Provide training on an individual basis that is tailored to the employee's specific needs and abilities.

Skills:

Strong skills with SQL, PHP, CLIPPER5, Pascal, FORTRAN, AMLs, QuickBooks Pro, MSOffice, Corel Suite 8 and DBASE. Knowledgeable in Shell script, JavaScript, Arc view, Java, C/C++ and UNIX Relational database design with Oracle and MS Access. 10+ years experience with computer programming, installing, repairing and troubleshooting IBM PCs.

References: Available upon request.