

Recent Work and Education History

Medical University of South Carolina – College of Nursing Charleston, SC

May 2013 - present

Technology Applications Center for a Healthful Lifestyle – Senior Software Architect

- Data management and software development and programming for multiple NIH funded grants involving mHealth technologies
- Design, develop, and implement mobile applications to integrate health-related applications with electronic medical records
- Design, implement, and administer database design and development to collect, process, store and integrate data for several funded grants and applications

Medical College of Georgia – Georgia Prevention Institute (GPI) Augusta, GA

September 2002 - present

Georgia Prevention Institute-Systems Analyst-Departmental

- Direct and manage data management operations and database design, development and implementation of interrelated research projects using SQL Server 2000/2005
- Develop, implement and maintain graphical user interface applications (to include website for data entry) for data entry, data collection and manipulation using VBA, Visual Basic and .NET formats along with some AJAX
- Responsible for development and implementation of forms and surveys using third-party software (Teleform) for research data collection to be scanned and exported into SQL Server back-end with customized export scripts
- Develop, implement and maintain electronic diary survey system for PDAs used by study subjects
- Lead on developing a computer-based testing program for a study that interacts with subjects and off-site coordinators in environment other than GPI
- Support GPI by providing technical advice for research studies, training and assistance to research project leaders and staff in designing, manipulating, maintaining, converting and transferring databases and database generated reports
- Prepare datasets and pre-analyzing datasets using SQL Server 2000/2005 and SPSS

Augusta State University

Bachelor of Science in Computer Science

GPA (major): 3.93

Augusta, GA

May 2002

Augusta State University

Bachelor of Arts in Early Childhood Education

GPA (major): 4.00

(Certified Pre-K through 5th grade)

Augusta, GA

March 1997

Medical College of Georgia

Bachelor of Science in Respiratory Therapy

Graduated Magna cum Laude

Augusta, GA

June 1994

Past Employment History

South Carolina Universities Research & Education Foundation Aiken, SC

May 2002 – August 2002

Research Intern at Westinghouse-Savannah River Site

- Post- Baccalaureate position in Technology Commercialization to assist in development of Lotus Notes database of the WSRC Intellectual Property Process

Co-op Experience Westinghouse-Savannah River Site Aiken, SC

February 2001 – May 2002

Co-op Programming Student

- Develop and maintain website utilizing Active Server Pages to interact with SQL Server database to track approximately 400 personnel involved in the Emergency Response Organization

Columbia County Board of Education

August 1997 – June 2000

Appling, GA

Elementary Education Teacher

- Maintain line of communication with parents, students, administration and other staff and faculty
- Incorporate current technology into classroom lessons to prepare students with current skills
- Develop varied and interesting lessons to incorporate the learning objectives stated by the School District/State course competencies
- Maintain accurate written and electronic records of attendance, testing and grades for students

Medical College of Georgia

June 1994 – June 1995

Pediatric Respiratory Therapist, RRT

Augusta, GA