CURRICULUM VITAE

David Lee Schuessler, Full Time Professor   (904)503-4600
7651 Gate Parkway, Apt. 603
Jacksonville, FL 32256   DLS32453@hotmail.com

PROFESSIONAL OBJECTIVE

At this stage of my career I would prefer to spend the remaining ten years simply doing what I have always done best, developing new courses and programs of study to meet the needs of the ever changing and evolving field of computer technology and guiding students through the learning process while encouraging them to always reach for more and sometimes the impossible. I do this through example of my own professional and personal ethics, morals, and philosophy that learning is living and one can never overfill the cup of knowledge.

EDUCATION

1996 - to date **Coursework in On-Line course design, On-line technology and multi-media in the classroom, Java, digital electronics. Self study of current technologies and programming languages.**

1996 **Master of Science Degree in computer science at Southern Illinois University at Carbondale.**

1982 - 1990 **Courses in computer science, education, and music at Southern Illinois University-Carbondale.**

1981 Master of Arts Degree in music theory/composition at Southern Illinois University.

1978 Bachelor of Arts Degree in music education at Southern Illinois University.

EXPERIENCE

2016 - **Full-time Professor in Computers and Information Systems, Florida State College at Jacksonville. Courses taught or will teach include: Introduction to Programming, Object-Oriented Programming, Introduction to Computers, Microcomputer Applications for Business and Economics. Also, involvement with committee work and curriculum development.**

2013 - 2015 **Full-time Lecturer in Computer Science, Institute of Technology, University of Washington-Tacoma, Washington. Courses taught include: Introduction to Object-Oriented Programming, Fundamentals of Object-Oriented Programming-Theory and Application, Programming Practicum, C for System Programming, and Computer Organization. Also, involvement with committee work, curriculum development, and assisting with the interview process of faculty candidates.**

2005 – 2008   Associate Professor of Music, Liberal Arts Department, Rend Lake College, Ina, Illinois. Courses taught include Music Theory I, II and Music Appreciation. Other responsibilities include recruitment, course and program design, course and curriculum assessment, and college committee involvement.

1990 - 2005   <u>Professor of Computer Science</u>, Rend Lake College, Ina, Illinois. Courses taught include: Introduction to Computers, Visual Basic .Net, Introduction to Programming (Pascal/C/C++/Java), Advanced Programming (Pascal/C/C++/Java), Algorithms and Data Structures, Computer Architecture, Assembly Language, Discrete Mathematics, FORTRAN (for engineering majors), Introduction to Business Systems and Application Software, Systems Analysis and Design, Windows, Microsoft Office (Word, Access, Excel, PowerPoint), DOS, Word Perfect, Dbase III+, Lotus 123. Other responsibilities include computer science curriculum design, assessment, and updating (course outlines, syllabi, program and course objectives, assessment tools, learner outcomes, and realized articulation approvals), implementation, training, and supervision of a Dual Credit course in Visual Basic for several local high schools, collaboration with industry and universities for course and program improvement, advisement, recruitment, preparation and proctoring of the JETS/WYSE entrance exams in computer science, workforce development customized training, workshops, and professional seminars, college committee involvement, and over eight years of service with the Illinois Articulation Initiative (IAI).

1989 - 1990   Computer Operator, Computing Affairs, Southern Illinois University, Carbondale.

1979 - 1989   Music Theory and Composition Instructor, Southern Illinois University, Carbondale. Director of music in several Illinois public schools

1984 - 1986   Proprietor of Schuessler's Fine Chocolates, Harrisburg, Illinois.

<u>RELATED EXPERIENCE</u>

1991 - 1998   Computer Lab Director, Rend Lake College, Ina, Illinois. Responsibilities include maintenance and repair of 32 IBM and 32 Macintosh computers and related equipment, software installation and system configuration, usage scheduling and tracking, and the training, scheduling and monitoring of student worker employees.

1990 - 1999   Design and development of various software products for organizations or individuals in the southern Illinois community. These products range from interactive tutorials to file system integrity maintenance products to an interactive simulation and modeling program to test and market a newly proposed and highly efficient file organization.

1990 - 2009   Frequently assist small business owners, RLC faculty, students, and people of southern Illinois with computer related needs and volunteered time/expertise to assist various needs of the community and college.

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Co-coordinator/sponsor of the Rend Lake College Computer Club (2001 - 2004) which was designed to integrate students studying various computer related topics (CS, programming, maintenance/Repair, networking, web design, etc.) into a single group in order to share and disseminate their various skills and knowledge with one another and, to simply have fun with technology related projects.

Developed and conducted Workforce Development specialized training in computer related technologies for various community businesses (local and global) and organizations while employed at Rend Lake College.

Co-chaired the Computer Science/ Computer Technology committee in order to plan and develop new programs of study related to emerging computer technologies.

Served on numerous college committees during my employment at Rend Lake College.

Developed and implemented curricula in computer science, web design, 2 year programming degree, and music.

Retired member of The Institute of Electrical and Electronic Engineers (IEEE) and the ACM with special interests in genetic algorithms. Publication subscriptions included: Computer (IEEE), C/C++ Users Journal, Dr. Dobbs Journal, and BYTE magazine.

Member of the Illinois College Articulation Committee (1995 - 2004).

Assist local software developers with problems they encounter while developing or modifying applications.

Member and chair of the Technical Advisory Committee at Rend Lake College until its termination in 2002. This committee was formed at the beginning of 1996 to assist the college in its efforts to offer the most up to date training and facilities to the community it serves.

Participated in various computer science related workshops and forums.

PROGRAMMING LANGUAGES AND SOFTWARE

Java, C/C++ (and variations thereof), Visual Basic, Pascal, FORTRAN, Assembly, COBOL, PL/I, HTML5, CSS, PHP, SQL, Scripting Languages, DOS, Windows XX, some UNIX/LINUX, OSX, and O/S shells, Blackboard, Moodle, Canvas, Microsoft's Office (Word, Access, Excel, PowerPoint), Internet Explorer, etc. Current research in Mobile App, Web, and Gaming development, and Visual Studio 2010.