

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Information Technology Manager / Systems Administrator

Information Technology manager seeking position that utilizes my engineering skills, my computer science skills, my teaching experience, and my IT management experience.

Work Experience

Operational Services Analyst III

May 2013 - Present

University of Kentucky Information Technology

Position re-evaluation due to departmental reorganization. Responsible for technical improvements and using best-practice processes for the Operational Services Group within UKIT. Supports functions critical to the operation of the University through managing, monitoring, and enhancing the University's major computing systems and infrastructure. The role of this position is to ensure the integrity of the University's enterprise systems by serving as a Lead/Senior Operational Services Analyst.

Adjunct Faculty Member

January 1999 – Present

Bluegrass Community and Technical College
(Formerly Lexington Community College)

Teach classes for the Computer Information Technology department. Classes taught include: CIT111 – Computer Hardware and Software; CIT145 – Perl I - Perl Fundamentals; CIT161 – Cisco I - Data Communications and Networking; CIT170 – Database Design and Fundamentals; CIT180 – Security Fundamentals; and CIT245 – Perl and the Web.

Part-time Instructor

Spring 2013 Semester

University of Kentucky School of Library and Information Science

Taught LIS690, a graduate-level special topics in Library Science and Information Science class on Content Management Systems. The course focused on the practice and theory of designing, building, and maintaining content management systems. Students were exposed to several content management systems however Drupal was the primary content system used in the course.

Information Technology Manager II

March 2006 - May 2013

University of Kentucky Information Technology

Promotion from Senior Systems Programmer position. Manage the Systems Group within IT, which has the responsibility of maintaining approximately 800 physical servers and approximately 600 virtual servers supporting the mission of the University of Kentucky.

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Senior Systems Programmer
University of Kentucky Systems Labs

May 1997 – February 2006

Position reclassified. Responsible for system administration and systems programming on various UNIX machines used for academic computing (including SAC-general purpose student computing machine, NeXT machines in public, student computing labs, EWL-the Engineering Workstation Lab, and CSLAB-Computer Science Sun Lab). Responsible for staff which support EWL and CSLAB. Installation, and customization, of third party software/applications on various UNIX systems. Monitor and investigate system security issues including violations of the University of Kentucky's Computing Policy. Programming to facilitate system administration and statistical reporting. Maintain Government Publication Office's Web Server/Gateway. Assist with the processing of academic computer accounts on various computer systems and User Account Management System. Serve as backup/secondary support on various Research and Administrative UNIX systems. Maintain apache web servers on several UNIX systems.

Computer Systems Manager VII
University of Kentucky Computing Center

September 1996 – April 1997

Position moved to Computing Center - Technical Services. Responsibilities are same as those listed for January 1995 - September 1996.

Computer Systems Manager VII
University of Kentucky Library Microlabs

January 1995 – September 1996

Manager, UNIX group. Managed UNIX group, and its staff, in the Library Microlabs. Supervised the delivery of UNIX computing in the Library Microlabs. UNIX System Administration/Systems Programming (NeXT-NEXTSTEP, SUN-Solaris, Hewlett Packard-HPUX). Monitored and investigated system security issues including violations of UK's Computing Policy. Coordinated phase out of PRIME computer and transition to Hewlett Packard HP9000/800 K200, HPUX system. Installed, and customized, system and third party software. Programming to facilitate system administration and statistical reporting. Provided technical expertise for the planning of the new Commonwealth Library. Installed and maintained Government Publication Office's WWW Web Server/Gateway. Assist in the processing of academic computer accounts on various computer systems.

Computer Systems Manager VII
University of Kentucky Computing Center

May 1993 – December 1994

Manager of Academic Computing Services. Position was reclassified. Continued with all responsibilities listed below under positions of Senior Scientific Analyst/Programmer (June 1986 - February 1992) and Acting Manager of Academic Computing Services (March 1992 - April 1993).

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Senior Scientific Analyst/Programmer
University of Kentucky Computing Center

March 1992 – April 1993

Acting Manager of Academic Computing Services. In addition to responsibilities listed below for June 1986 - February 1992 was responsible for Management of Academic Computing Services group. Management of the group included supervising approximately 15 full-time staff members and approximately 20 student employees, assisting the Director of Academic Computing Services with budgeting and day-to-day administration of the group, and serving on various University committees.

Senior Scientific Analyst/Programmer
University of Kentucky Computing Center

June 1986 – February 1992

Responsible for the administration of over 10,000 instructional accounts on both PRIME and IBM computer systems. Installed, and maintained, software on both PRIME and IBM computer systems. Installed and maintained both hardware and software for various UNIX workstations. System Administrator/Systems Programmer for 75+ UNIX workstations (primarily NeXT machines but included SUN, IBM RS6000, DEC, Intergraph, and Hewlett Packard machines).

Graduate Programmer/Consultant
University of Kentucky Computing Center

August 1985 – May 1986

Assisted with the administration of instructional accounts on PRIME and IBM computer systems. Installed software on PRIME computer system. General computer consulting with University faculty, staff, and students.

Teaching Assistant
University of Kentucky Computer Science Department

January 1985 – May 1986

Taught various introductory courses in computer science. Languages taught include BASIC, FORTRAN, and IBM-370 assembler.

Research Assistant
University of Kentucky Electrical Engineering Department

May 1982 – December 1984

Performed research experiments in electromagnetics under contract with the United States Air Force.

Student Engineer
Texas Gas Transmission Corporation, Owensboro, KY

Summer 1981

Worked on preliminary studies required to apply for a FCC license for a VHF communication system for barges on the Ohio, Illinois, and Mississippi rivers and the Intercostal Canal.

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Student Engineer

Texas Gas Transmission Corporation, Owensboro, KY

Summers of 1979 and 1980

Constructed various pieces of electronic equipment needed in the office and compressor stations of Texas Gas.

Education

University of Kentucky College of Engineering
Master of Science in Computer Science
Graduation: (27 hours of course work completed)
Grade Point Average: 3.7/4.0

University of Kentucky College of Engineering
Master of Science in Electrical Engineering
Graduated: May 1984
Grade Point Average: 3.5/4.0

University of Kentucky College of Engineering
Bachelor of Science in Electrical Engineering
Graduated: May 1982
Grade Point Average: 2.77/4.0 Cumulative, 3.37/4.0 in Major

References

Both personal and professional references furnished upon request.

Courses Related to Job Sought

EE-480 Logical Design
EE-581 Advanced Logical Design
EE-583 Microprocessors
EE-599 Special Topics in Electrical Engineering: Robotics
EE-685 Computer Design and Architecture
EE-783 Microcomputer System Design
CS-250 Computer Organization
CS-461 Minicomputers
CS-470 Systems Software
CS-570 Operating Systems Design
CS-580 Algorithm Design
CS-650 Problems in Computer Science Seminar
CS-682 Switching Theory

Transcript of all courses taken is available from the University of Kentucky Registrars Office.

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Publications

Prediction of Crosstalk in Flatpack, Coaxial Cables, Masters Thesis, University of Kentucky, 1982.

Prediction of Crosstalk in Flatpack, Coaxial Cables, IEEE article co-authored with Clayton R. Paul, copyrighted 1984 IEEE.

Basic EMC Technology Advancement for C3 Systems, Volume 4F, Prediction of Crosstalk in Flatpack, Coaxial Cables, co-authored with Clayton R. Paul, published 1984 by National Technical Information Service.

Computer Applications for Learning and Evaluation, Journal of Dental Education, Volume 53 Number 1, January 1989, co-authored with Merrill W. Packer DDS, MSD.

Presentations

Xgrid Presentation at the 2006 National Institute for Technology and Liberal Education Conference, Introduction to Parallel and Cluster Computing Track, Southwestern University, Georgetown, TX, June 22, 2006.

Real World Xgrid Applications and Techniques, MacWorld 2007 presentation, co-presented with John Soward.

Hands On MacLabs: LK: xargs | sed | awk | cut - Leveraging Traditional UNIX Search Tools on Mac OS X, MacWorld 2008, co-taught with John Soward.

Hands On MacLabs: UNIX Scripting for Mac OS X, MacWorld 2009 presentation.

Enterprise Level Scripting, MacWorld 2010 presentation.

iPhone Application Development Strategy: WebApp, Application, or Hybrid, MacWorld 2010 presentation, co-presented with John Soward.

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Committees

**University of Kentucky University Computing Advisory
Committee - Instructional Computer Subcommittee**

July 1991 - December 1995

The Academic Computing Committee provides advice and recommendations to the University IT Coordinating Committee on computing systems that support research and instruction. The Academic Computing Committee responsibilities include: (a) establishing priorities for future development, change, and enhancement in the enterprise-wide research, high performance computing, and instructional computing needs; and, (b) serving as liaisons across the University to help collect input regarding research and instructional computing systems. At the request of the President or the President's designee, or the IT Coordinating Committee, the committee also may be asked to consider specific information systems related problems or proposals.

University of Kentucky Computing Policy Committee

July 1992 - February 1993

Served on the presidentially appointed committee which created the University of Kentucky Computing Policy.

**Bluegrass Community and Technical College Computer and
Information Technologies Advisory Board**

April 2013 - Present

This committee provides advice to Bluegrass Community and Technical College's Computer and Information Technologies, Computer Science, and Informatics departments in regards to curriculum, activities, certificates, internships, and other topics as needed.

**Bluegrass Community and Technical College Adjunct
Advisory Board**

October 2013 - Present

This committee represents adjunct faculty needs at Bluegrass Community and Technical College by making recommendations to the President of Bluegrass Community and Technical College.

Certifications

ITIL V3 Foundation certification. Obtained October 2010.

Wayne E. Beech

6000 Ashgrove Road
Nicholasville, KY 40356

wayne@uky.edu
wayne@beech.org
859-312-4932

Computer Skills

Programming Languages: C, Objective-C, Perl, FORTRAN, PASCAL, BASIC and various assembly languages.

Operating Systems: UNIX (DYNIX, MACH, BSD, HPUX, BSDI, AIX, SunOS, Solaris, Mac OS X), PRIMOS, VM/CMS, MacOS, CP/M, Windows, and MS-DOS.

Database Experience: ORACLE, Sybase, and MySQL

Content Management Systems: Drupal

Misc. Notables: VMWare