

Cheri A. Coder Kembell, Ph.D.

Education

DOCTOR OF PHILOSOPHY IN INFORMATION TECHNOLOGY

University of the Cumberland

Conducted qualitative phenomenological thematic inductive analysis of: Students' Perceptions of the Effects of Digital Media on Their Physical and Mental Health (Defended: December 12, 2024)

MASTER OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

Missouri State University - 2008

BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

Missouri State University, Object-Oriented Client-Server Systems and End User Systems & Support - 2002

FASTTRAC TECHVENTURE

Kauffman Foundation – 2011

MISSOURI REAL ESTATE COMMISSION

Continuing Education – Complete 12 hours every two years for REALTOR® license renewal. 2005 - present

Relevant Experience

ASSOCIATE PROFESSOR OF COMPUTER SCIENCES

May 2023 - Present

ASSISTANT PROFESSOR OF COMPUTER SCIENCES

May 2017 – May 2023

College of the Ozarks

- Experience teaching the following courses:
 - CSC 113 – Fundamentals of Computer Science
 - CSC 123 – Fundamentals of Website Design
 - CSC 243 – Informatics
 - CSC 242 – IT Project Management
 - CSC 423 – E-Commerce Systems
 - CSC 443 – Software Engineering
 - CSC 463 – Senior Project/Capstone
 - CSC 48V – Computer Science Internship
 - MGT 403 – Management Information Systems
- Presented to the Board of Trustees along with student researchers during 2024 trustees meeting.
- Cultivating Community 2023 President's award recipient.
- Presented dissertation research at Parent University at School of the Ozarks *Reclaim the Screen* event.
- Faculty sponsor of Association of Computing Machinery (ACM) student-led club.
- Advises students on course sequencing, career opportunities and college life in general.
- Coordinator of the Celebration of Student Scholarship, a multidisciplinary capstone presentation.
- Served on Faculty Welfare & Academic Council Committees.

CONSULTANT

2000 - Present

Coder Consulting, LLC

- Analyze organizational processes to assess efficiency and optimize end-user usability.
- Collaborate with clients to provide technology consulting services across real estate, hospitality, service, and education sectors.
- Interview software developers and technical teams to assess their qualifications for supporting client needs.
- Assess technical specifications to determine feasibility of software solutions within the existing technology ecosystem.
- Design and deliver customized technology training programs for employees.
- Develop software planning strategies and produce comprehensive documentation to support the development lifecycle.
- Deliver presentations and facilitate public speaking engagements for diverse audiences.
- Collect, analyze, report, and communicate data results.
- Employ qualitative or quantitative research methodologies to explore and analyze the problem.
- Licensed REALTOR® since 2005.

DIRECTOR – APPLICATION PROGRAMMING

May 2016 – April 2017

Ozarks Technical Community College

- Supervised the Administrative Computing & Technical Services programmers for the successful completion of internal projects.
- Transitioned development team from waterfall development methodology to agile development.
- Responsible for the Ellucian Colleague Student Information System and Enterprise Resource Planning systems.
- Responsible for development, implementations, and maintenance of the college application computing hardware and software.
- Assisted with analyzing all new software on the mainframe system.
- Developed access control lists to implement computer and network security.
- Managed and maintained Ellucian (Colleague) portal and Blackboard/Canvas integration.
- Managed enhancement of reports and source documents and established specifications for proposed system improvements and new development.
- Managed and maintained documentation for all systems and programs.
- Managed and maintained web-based front-end for the student information system.
- Supervised the admins that managed MySQL and Microsoft SQL databases for web applications.
- Assisted enterprise field engineers on operating system upgrades and/or equipment failures.
- Developed operational procedures for the diverse skill set of the application programming team.
- Member of the Academic Council & IT Leadership Team.

ADJUNCT CIS 101 INSTRUCTOR

August 2008 – 2017

Ozarks Technical Community College

- Taught CIS 200 – Creative & Critical Thinking Using Information Systems.
- Provided quality and engaging online instruction for Windows 10 & Microsoft Office 365 in CIS 101.
- Advanced user of Blackboard & Canvas Learning Management Systems.
- Collaborated on redesign of the CIS 101 Master Course Shell.

COORDINATOR of INFORMATION TECHNOLOGY

April 2014 – May 2016

Ozarks Technical Community College, Richwood Valley Campus & Table Rock Campus

- Provided user support for faculty, staff & students.
- Performed proper maintenance, troubleshooting, repair & software installation for all personal computers, printers, projectors, TV's, phones & security cameras.
- Communicated & collaborated with faculty members to evaluate technology needs in the classroom.
- Project manager for all technology improvements & special events requiring IT equipment or support.
- Maintained network documentation along with computer & user information in relevant databases.
- Documented all work order progress via the Help Desk system & communicated with the user.
- Managed workload & schedules for IT Technician & part-time IT employees at 2 campuses.
- Assisted with providing computer & technical guidance for budgeting purposes.
- Educated faculty and staff on IT processes.
- Utilized the following IT tools daily: SCCM, Active Directory, Lync, Inventory and Printer Databases.
- Ensured proper security and environmental conditions for equipment in four IT terminal rooms.
- Managed & worked hands-on to complete a technology refresh project during the summer 2014 semester consisting of 160 computers & 31 projectors.
- Upgraded 450 computers to Windows 8.1 during summer/fall 2014 semesters.

ADJUNCT COMPUTER INFORMATION SYSTEMS INSTRUCTOR

June 2010 - 2014

Drury University

- Taught GSTU 101 – Introduction to Computers & Software.
- Provided quality and engaging online instruction for Windows 10 & Microsoft Office 365.

FOUNDER

Freebees, LLC

July 2011 – August 2012

- Created technology development & marketing plan for a universal loyalty system and iPhone app to be utilized by consumers and merchants to consolidate loyalty/rewards programs and cards.
- Designed user interface & managed development team during application development phase.
- Negotiated and secured an initial round of funding from a private investor.

INFORMATION TECHNOLOGY MANAGER | MARKETING | REALTOR®

United Country Coder Properties

October 2006 – December 2010

- Maintained listing details in various multi-list systems (MLS).
- Designed, developed & produced strategic marketing plans for all properties online & in print.
- Supported computer systems at both locations.
- Managed website developers and maintained company websites.

MANAGER, TRAFFIC OPERATIONS

September 2005 – October 2006

The Marlin Network

- Managed all agency and interactive 'traffic' consisting of approximately 200-300 projects concurrently.
- Enforced creative process schedule for all projects.
- Created project schedules & employee tasks based on scope and staff availability.
- Served as the liaison between Account Executives and the Designers, Programmers & Copywriters.
- Initiated routing process prior to production for all deliverables to ensure accuracy and to maintain quality control.
- Partial client list: [Starbucks](#), [Mission Foods](#), [Nestle](#), [Sweet Street Desserts](#), [Splenda](#), and [Seattle's Best Coffee](#).

SOFTWARE SPECIALIST

June 2005 – August 2005

Cox Health Systems

- Initiated a software license compliancy audit on 5,500 PCs and 400+ servers.
- Developed license strategies for projects.
- Quoted and purchased software licenses.
- Created new policies and procedures for tracking licenses.
- Advised IT groups on software licensing options.

SENIOR ACCOUNT EXECUTIVE

June 2003 – June 2005

Neubix Studios

- Identified, negotiated and secured accounts.
- Increased sales 250% in 2004.
- Role of Interactive Project Manager subsequent to client acquisition.
- Communicated technology concepts such as XHTML, Flash, CSS, web standards, SEO & CMS systems.
- Planned project implementation objectives & timelines for designers, developers & clients.
- Budgeted projects based on scope.
- Administered extensive testing of all projects to guarantee that the highest quality was delivered.
- Partial client list: NYC Peach, [SONY BMG](#), [Columbia Records](#), [Acceptance](#), [Springfield Area Chamber of Commerce](#), [HFM Foodservice](#), Banta Foods, [Faith Inkubators](#), [Michael Simon](#), [Butler Rosenbury & Partners](#).

Community and Volunteer Experiences:

2025: Biz 417's Think Summit attendee

2024: Awarded USTA Grow the Game Grant for Branson Hills Tennis

2023: Attended the three-day Council for Tech and Social Cohesion Conference in San Francisco, CA. Invited to be a participant in the Strategic Planning Session for the Tech & Social Cohesion Council to assist with 5-year plan.

2023: Per the request of Common Sense Media, I advocated for Senator Hawley's support of the KOSA (Kid's Online Safety Act) via a video conference with his legal department.

2023: USTA Missouri Valley Tennis Family of the Year

2020 - present: Adopt-a-Street at Branson Hills Parkway