

# GARY ALLEN HARRIS

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## EDUCATION

**Education Specialist.** Education Technology, (Information Science and Learning Technologies), University of Missouri. 2016. 4.0 GPA.

**Master of Engineering Management.** Saint Martin's University. 2006. 3.63 GPA.

**Bachelor of Science.** University of Tampa. 1985. 3.147 GPA.

**Major:** Management Information Systems. **Minor:** Psychology.

### Graduate Studies Include:

**Information Systems:** 40 Graduate Semester Hours

**Business Administration/Management:** 22 Graduate Semester Hours

**Education:** 18 Graduate Semester Hours

**Other:** 11 Graduate Semester Hours

**Professional Development.** Over 4000 contact hours in professional development and continuing education.

## PROFESSIONAL CERTIFICATIONS

**QM Certified Peer Reviewer (for Higher Education).** 2016. Quality Matters.

**Online Educator Graduate Certificate.** 2016. University of Missouri.

**Stanford Certified Project Manager.** 2013. Stanford University.

**Stanford Advanced Computer Security Professional.** 2013. Stanford University.

**Certified Secure Software Lifecycle Professional (CSSLP).** 2009. (ISC)2.

**Distance Education Certified Trainer.** 2006. University of West Georgia.

**Project Management Professional (PMP).** 2006. Project Management Institute.

**Certified Enterprise Integrator (CEI).** 2005. Society of Manufacturing Engineers.

**Certified Management Engineer (CME).** 1991. US Air Force.

## EXPERIENCE OVERVIEW

Over 30 successful years in highly demanding positions in online education, instructional design and development, systems analysis and development, project, resource, and personnel management, and consulting.

### Education / Teaching Experience:

Instructional Designer / Adjunct Faculty - 24 Courses

Adjunct Faculty - 11 Courses

Instructional Design Project Manager - 110 Courses

University Dean - Business and Information Technology - 2 Years

Volunteer Instructor Trainer - 11 Years - American Red Cross

Learning Management Systems: Blackboard, Canvas, Desire2Learn (D2L), eCollege, Sakai, Moodle

### Professional Experience:

Project and Program Manager - 18 Projects and 3 Organizational Programs

Management Analyst - 7 Projects

Lead Analyst / Developer (Full Lifecycle Development) - 19 Systems

Lead Web Developer / Administrator - 14 Commercial Web Sites and 4 Web Applications

Enhancement and Maintenance Developer - 12 Systems

## EDUCATION / TEACHING EXPERIENCE DETAIL

**Aug 2016 - Present, University of Maryland.** (Part Time On-Line Adjunct Faculty)

Teach one course per term:

CMIS-102, Introduction to Problem Solving and Algorithm Design

CMIS-320, Relational Database Concepts and Applications

SDEV-300, Building Secure Web Applications

SDEV-325, Detecting Software Vulnerabilities

SDEV-360, Secure Software Engineering

SDEV-425, Mitigating Software Vulnerabilities

**Jul 2016 - Present, University of Missouri.** (Part Time On-Line Adjunct Faculty)

Developed and teach one course per term:

ISLT-4375/7375, Mobile Web Application Development

ISLT-4310/7310, Introduction to JavaScript

ISLT-4356/7356, Interactive Web Design with JavaScript

**Sep 2011 - Aug 2016, Professional Standards Institute.** (Academic Program Manager, On-Line Instructor)

**Program Manager:** Managed the development and delivery of 13 certificate programs, 24 courses, and 19 instructors.

**Instructional Design Project Manager:** Managed the design, development, and delivery of eight courses.

**Instructor:** Designed, developed and taught eight asynchronous professional development courses.

**Web Applications Developer:** Designed and developed the Learning Management System used by PSI.

**Jun 2009 - Sep 2011, Kaplan University (KCE).** (Dean of Business and Information Technology)

**Program Administrator:** Managed the administration of 44 business and information technology certificate programs consisting of 168 courses, 16 instructors, and over 4000 students.

**Instructional Design Project Manager:** Managed the design, development, delivery, and SME/instructor recruitment for nine business and information technology certificate programs consisting of 102 courses.

**Instructional Designer / Faculty:** Developed three courses in Computer Security. Backup instructor during absence of primary instructor for multiple business and information technology courses.

**Web Applications Developer:** Designed and developed the KCE Academic Management System web application, used by the Academics Department for managing course development, programs, courses, books, SME's, and instructors.

**Jan 2008 - Jun 2009, Kaplan University (KCE).** (Part Time On-Line Adjunct Faculty)

Taught 10 On-Line Courses in Information Systems Security, CT201 through CT210.

**Jul 2006 - Sep 2006, DeVry University.** (Part Time Adjunct Faculty)

Taught MGMT 404, Project Management, Hybrid Course (50% Classroom, 50% Online)

**Jun 1986 - Apr 1990, Central Texas College, Overseas Division** (Part Time Adjunct Faculty)

Taught several Information Technology courses.

**Aug 1979 - Apr 1990, American Red Cross** (Volunteer Instructor Trainer)

**Instructor:** Taught several First Aid, CPR and Water Safety courses.

**Other:** Worked at Red Cross First Aid Stations at several community events.

## PROFESSIONAL EXPERIENCE DETAIL

**Apr 1997 - Aug 2016, TrakSoft, LLC.** (Director, Chief Analyst, Project Manager, Independent Consultant)

**Instructional Design Project Manager.** Designed the course syllabus for 25 IT courses for Kaplan University, KCE. Managed 12 Subject Matter Experts and two course reviewers in the development of the course content for these 25 courses making up 12 programs. The programs included Systems Administrator/Systems Engineer (7 courses), Technology Specialist/Professional Developer (7 courses), Cisco Network and Design Associate/Network and Design Professional (8 courses), CompTia A+/Network+ Technician (3 courses).

**Instructional Designer.** Designed and developed ten computer security courses for Kaplan University, KCE. The courses included 1) Information Security and Risk Management, 2) Enterprise Security Architecture and Design, 3) Access Control Systems and Methodology, 4) Application Security, 5) Operations Security, 6) Cryptography, 7) Physical Security, 8) Telecommunications and Network Security, 9) Business Continuity Planning and Disaster Recovery, 10) Legal, Regulations, Compliance, Investigations, and Ethics.

**Business Manager.** Managed the day-to-day operations, budgeting, and contractor management in support of commercial software development and marketing, commercial web site development and marketing, and information technology and management consulting services.

**IT Project Manager.** Contract Analyst Contracts Management System, and SunWasp Personal Information Manager (commercial products); VetTrak (for client); Real World Photos Photograph and graphic art brokerage service website, and Real World Documents Research document brokerage service (eCommerce websites); Plus 16 projects above where I was the project manager for the project as well as being involved in the development.

**Lead Analyst/Developer.** (Full lifecycle system design, development, database modeling and design, stored procedure and trigger development, implementation, maintenance, and support) KAMS Academic Management System (Kaplan University); BizTrak Business Management System (internal use); SurveyTrak Survey Point Management System, and PFS-Trans Transportation Project Funding System (commercial products); Estimation and Bids Analysis System, Client/Server Digital Ortho Photo Information System Federal Aid Tracking System, and Survey Monument Management System (for WA State Dept of Transportation); Local Employee Selection System, Client Tracking System, and Alternate Care System (for WA State Dept of Veteran Affairs); Data Conversion System (WA State Attorney General's Office); CertTrak Academic Management System Web Application, TS-LMS Learning Management System Web Application, Org Voucher Management Web Application, Cert Testing Web Application, Antique Mall Management System, and Immunization Management System, and HOF Matchmaking System (for various clients); and designed and developed a systems class library for desktop and client/server applications.

**Web Site Developer / Administrator.** (Full lifecycle system design, development, database modeling and design, stored procedure and trigger development, implementation, administration, and integration with Authorize.net for clients and internal use) ProfessionalStandardsInstitute.com; TrakSoft.com; PROptions.com; VetTrak.com; DomainProShop.com; SurveyTrak.com; PFSTrans.com; ContractAnalyst.com; PersonalDataPro.com; HomeDataManager.com; PersonalHealthPro.com; CareerDataManager.com; PersonalDataOrganizer.com; WritersCloset.com; SwiftCreekWoods.com; and designed and developed a class library for web applications.

**Feb 2005 - May 2006, Watkins Motor Lines** (Software Engineer)

Performed the maintenance and enhancement development of several Dockyard applications to include OPDY, CrossDock, YardMove, and Cheetah that schedule, track and plan delivery routes for freight in support of the operation of over 14,000 tractors and trailers and 140 service centers in the US and Canada.

**Mar 2004 - Feb 2005, Fringe Benefits Management Company** (Software Engineer)

Performed the maintenance and enhancement development of the proprietary employee benefits processing application for the organization's clients.

**Mar 1995 - Apr 1997, State of Washington Dept of General Administration** (Client/Server Applications Developer)

**Lead Analyst/Developer.** Designed, Developed, Data Modeled, Implemented and Supported a Client/Server Parking Management System for the WA State Dept of General Administration. The system manages over 6000 parkers in 34 parking lots. Developed an Internet form for interactive parker registration. The system interfaces with an Accounts Receivable System and Statewide General Ledger. Increased productivity and data reliability and simplified business processes.

**Program Manager.** Implemented and managed a division-wide project management and billing system (Platinum). Managed and supported an accounting system (MAS-90).

**Dec 1994 - Mar 1995, State of Washington Dept of Labor and Industries** (Research Analyst - Temporary Position)

Managed and planned the data collection and preparation for the statewide impact analysis study of the change in Washington State's child labor laws.

**Dec 1993 - Aug 1994, Washington State Investment Board** (Information Systems Manager)

**Project Manager.** Participated in the competitive selection and project oversight of two consulting firms for two critical Washington State agency information systems projects valued over \$325,000.

**Systems Manager.** Managed the maintenance programming of the State-Wide Investment Management System consisting of 225 COBOL programs in support of investment accounting of over \$26 billion of assets in 40 funds.

**Lead Analyst.** Designed a Client/Server Document Imaging and Management System.

**Nov 1974 - Dec 1993, US Air Force** (Manpower Manager, Project Manager, Systems Manager, and Operations Manager)

- Retired Honorably.
- Held a Top Secret Security Clearance.
- Awards include Meritorious Service Medal, two Air Force Commendation Medals, five Air Force Good Conduct Medals, and two Professional Military Education Graduate Ribbons.

**INSTRUCTIONAL DESIGN AND TEACHING****Instructional Designer and Faculty (24 Courses)**

- University of Missouri (3 Courses)
  - Mobile Web Application Development
  - Introduction to JavaScript
  - Interactive Web Design with JavaScript
- Professional Standards Institute (8 Courses)
  - Applied Project Management
  - Advanced Project Management
  - Applied Web Development
  - Professional Web Applications Development
  - Web Database Design, Development, and Implementation
  - Management Engineering Tools and Techniques
  - Instructor Orientation Course
  - Student Orientation Course
- Kaplan University (KCE) (13 Courses)
  - Information Security and Risk Management
  - Enterprise Security Architecture and Design
  - Access Control Systems and Methodology
  - Application Security
  - Operations Security
  - Cryptography
  - Physical Security
  - Telecommunications and Network Security
  - Business Continuity Planning and Disaster Recovery
  - Legal, Regulations, Compliance, Investigations, and Ethics
  - Introduction to Information Security
  - Security Architectures
  - Business Operations Security

**Adjunct Faculty (11 courses)**

- University of Maryland (6 Courses)
  - Introduction to Problem Solving and Algorithm Design
  - Relational Database Concepts and Applications
  - Building Secure Web Applications
  - Detecting Software Vulnerabilities
  - Secure Software Engineering
  - Mitigating Software Vulnerabilities
- DeVry University (1 Course)
  - MGMT 404, Project Management (Hybrid Course - 50% Classroom, 50% Online)
- Central Texas College, Overseas Division (4 Years / 4 Courses)
  - Introduction to Information Systems
  - COBOL Programming I and II
  - First Responder
- American Red Cross, Instructor Trainer (11 Years)
  - Basic and Advanced First Aid, and CPR
  - Water Safety and Swimming
  - Instructor courses for the above subjects

**Instructional Design Project Manager (110 Courses)**

- Professional Standards Institute (8 Courses)
  - Process Engineering Project Management
  - Construction Project Management
  - Engineering Resource Management
  - Professional Programming in HTML5
  - Engineering Project Management
  - Leaders as Coaches: Driving Performance Through Dialogue
  - Accelerated Management Concepts
  - Professional Customer Service

- Kaplan University (KCE) (102 Courses)
  - Managerial Economics
  - Business Ethics
  - Financial Statement Analysis
  - Intermediate Financial Accounting
  - Financial Management
  - Advanced Financial Analysis
  - Organizational Behavior
  - Legal Environment of Business
  - Operations Management—Quality and Productivity
  - Strategic Management in a Global Environment
  - Multinational Management
  - Global Financial Markets
  - Global Marketing Management
  - International Business Strategy
  - Marketing Management
  - Consumer Behavior
  - Integrated Marketing Communications
  - International Marketing
  - The Business of Sustainability
  - Environmental Laws and Regulations
  - Working for Environmental Sustainability
  - Environmental Project Management 1 - Fundamentals of Project Management
  - Environmental Project Management 2 - Advanced Project Management
  - Environmental Lean Six Sigma 1 - Introduction to Lean Six Sigma
  - Environmental Lean Six Sigma 2 - Advanced Lean Six Sigma
  - Lean Six Sigma - Overview
  - Lean Six Sigma - Define
  - Lean Six Sigma - Measure
  - Lean Six Sigma - Analyze
  - Lean Six Sigma - Improve and Control
  - Lean Six Sigma - Define for Healthcare
  - Lean Six Sigma - Measure for Healthcare
  - Lean Six Sigma - Analyze for Healthcare
  - Lean Six Sigma - Improve/Control - Healthcare
  - Lean six Sigma - Define for Call Centers
  - Lean Six Sigma - Measure for Call Centers
  - Lean Six Sigma - Analyze for Call Centers
  - Lean Six Sigma - Improve/Control Call Centers
  - Introduction to Project Management
  - Microsoft Project for Managing Projects
  - Project Selection, Planning, and Scope
  - Project Scheduling and Budgeting
  - Project Risk Management Execution and Control
  - Project Quality and Contract Management
  - Managing the Project Organization: Human Resource and Communication Management
  - Project Management Simulation
  - Introduction to Project Management for Construction Professionals
  - Construction Project Management Simulation
  - Introduction to Project Management for Information Technology Professionals
  - Information Technology Project Management Simulation
  - Six Sigma Deployment
  - Business Process Management
  - Six Sigma Project Management
  - DMAIC - The Six Sigma Improvement Methodology
  - DMAIC - Define and Measure
  - DMAIC - Analyze
  - DMAIC - Improve: Design of Experiments
  - DMAIC - Improve - Statistical and Lean Management Tools
  - DMAIC - Control
  - Six Sigma Practicum
  - Building Converged Cisco Multilayer Switched Networks
  - Designing for Cisco Internetwork Solutions

- Building Scalable Cisco Internetworks
- Designing Cisco Network Service Architectures
- Interconnecting Cisco Networking Devices Part 1
- Interconnecting Cisco Networking Devices Part 2
- Implementing Secure Converged Wide Area Networks
- Optimizing Converged Cisco Networks
- Implementing Cisco IP Routing
- Implementing Cisco Switched Networks
- Troubleshooting and Maintaining Cisco IP Switched Networks
- Introduction to eCommerce
- Developing and Maintaining an eCommerce Platform
- Online Marketing Strategies
- SEO for eCommerce Professionals
- Electronic Privacy, Security, and Law
- Emerging Business Models and Technologies
- Microsoft SQL Server Implementation and Maintenance
- Designing and Maintaining a Database Administrative Solution Using MS SQL Server
- Microsoft SQL Server Database Development
- Designing Database Solutions and Data Access Using MS SQL Server
- Microsoft SQL Server Business Intelligence Development and Maintenance
- Designing a Business Intelligence Infrastructure Using MS SQL Server
- Windows Server Active Directory Configuration
- Windows Server Network Infrastructure Configuration
- Windows Server Server Administration
- Configuring Microsoft Windows Vista Client Operating System
- Windows Server Applications Infrastructure Configuration
- Windows Server Enterprise Administration
- Microsoft .NET Framework - Application Development Foundation
- Microsoft .NET Framework - Web-Based Client Development
- Designing and Developing Web Applications by Using Microsoft .NET
- Microsoft .NET Framework - Windows-Based Client Development
- Designing and Developing Windows Applications by Using Microsoft .NET Framework
- Microsoft .NET Framework - Distributed Application Development
- Designing and Developing Enterprise Applications by Using Microsoft .NET Framework
- Managing and Maintaining a Windows Server
- Implementing, Managing, and Maintaining a Microsoft Windows Server Network Infrastructure
- Installing, Configuring, and Administering Microsoft Windows XP Professional
- Planning and Maintaining a Windows Server Network Infrastructure
- Planning, Implementing, and Maintaining a Microsoft Windows Server Active Directory Infrastructure
- Designing a Windows Server Active Directory and Network Infrastructure

## **ACADEMIC GUIDELINES AND WORKSHEETS DEVELOPMENT (22)**

- Course Academic Review Guidelines and Worksheet
- Course Annual Review Guidelines and Worksheet
- Course Content Development Guidelines
- Course Description Development Guidelines
- Course Development Checklist
- Course Graphics Upload and Use Guidelines
- Course Media Guidelines
- Course Media Inventory Worksheet
- Course Objectives Development Guidelines
- Course Structure Guidelines
- Course Submission Checklist
- Course Syllabus Review Guidelines and Worksheet
- Course Technical Review Guidelines and Worksheet
- Course Textbook Selection Guidelines
- Course Upload Checklist
- Course Video Assignment Guidelines
- Creating Course Videos Methodology
- Extended CEC Course Guidelines
- Instructor and Staff Biography Format Guidelines
- Student Contact Hours Worksheet

- Written Assignment Guidelines
- Written Assignment Grading Rubric

**GRADUATE COURSES COMPLETED (91 Semester Hours)****University of Cumberlands**

- ISOL-531, Access Control, 3 Sem Hours
- ISOL-533, Information Security and Risk Management, 3 Sem Hours

**Wilmington University**

- IST-7000, Data Management, 3 Sem Hours
- IST-7020, Analysis, Modeling, and Design, 3 Sem Hours

**University of Missouri**

- ISLT-7310, Mobile Web Applications Development, 3 Sem Hours
- ISLT-7370, Intermediate Web Development, 3 Sem Hours
- ISLT-7361, Introduction to Digital Media, 3 Sem Hours
- ISLT-9471, Instructional Systems Design, 3 Sem Hours
- ESCPS-7170, Introduction to Applied Statistics, 3 Sem Hours
- ISLT-9485, Designing and Implementing Online Courses, 3 Sem Hours
- ISLT-9455, Summative and Formative Evaluation, 3 Sem Hours
- ISLT-9484, Teaching Online Courses, 3 Sem Hours
- ISLT-9467, Technology to Enhance Learning, 3 Sem Hours

**Nova Southeastern University**

- DISS-750, Database Systems, 4 Sem Hours
- DISS-720, Human Computer Interaction, 4 Sem Hours

**Eastern Michigan University**

- EM-580, Engineering and Enterprise Integration, 2 Sem Hours
- QUAL-546, Total Quality Management, 2 Sem Hours
- QUAL-552, Quality Planning, 2 Sem Hours

**Saint Martin's University**

- MEM-611, Systems Design, 3 Sem Hours
- MEM-612, Systems Controlling, 3 Sem Hours
- MEM-610, Systems Engineering Management and Planning, 3 Sem Hours
- MEM-670, Personnel Administration, 3 Sem Hours
- MBA-606, Marketing Concepts, 3 Sem Hours
- MBA-601, Organizational Theory and Behavior, 3 Sem Hours
- MBA-603, Managerial Accounting, 3 Sem Hours
- MBA-502, Survey of Finance, 3 Sem Hours
- MEM-690, Thesis, 3 Sem Hours

**University of Southern California**

- EDCI-530, Seminar in Curriculum and Instruction, 3 Sem Hours

**City University**

- MI-513, Information Resource Management, 2 Sem Hours

**Golden Gate University**

- PAD-330, Research Methods and Statistics, 3 Sem Hours
- PAD-397, Science, Technology, and the Public Interest, 3 Sem Hours