MANAGEMENT INFORMATION SYSTEMS / OPERATIONS & SUPPLY CHAIN MANAGEMENT CAREERS OVERVIEW

COMMON INDUSTRIES

- Aerospace/Defense
- Financial Services/Banking
- Insurance
- Technology/Science
- Retail
- Healthcare
- Consulting
- E-Commerce

TYPICAL MIS/OM CAREER OPTIONS

JOB FUNCTION	SAMPLE OF COMPANIES	SAMPLE JOB TITLES/POSITIONS	PRIMARY RESPONSIBILITIES
Design & Development	DocuSign, General Motors	Engineers, Programmers, Application Developers, Designers, System Architect, Business Intelligence	Write and test code for applications and software programs to function properly. Test applications and programs to ensure they produce expected results. **Tech Skills:** Programming Languages (Java, HTML)
IT Management	Cognizant, Amazon Web Services, Insight	IT Consultant, CIO, Info Systems Manager, IT Director, IT/Project Manager, Social Media Manager, Information Security Officer, IT Service Manager	Plan, coordinate, and direct computer-related activities in an organization. Help determine technology goals of an organization. **Tech Skills:** PMP Software (Microsoft Project, Jira)
Networking & Big Data Analytics	IBM, Raytheon, Google, American Express	Database/Network/Systems/Information Security Administrator, Business Analyst/Network Administrator	Gather and organize information/ data about a problem to be solved or a procedure to be improved. Can develop solutions, alternative practices, recommend new systems, procedures, or organizational changes. **Tech Skills:** Data Visualization, Programming Languages (SQL, Python, R)
Operations Management/Supply Chain	Amazon, Raytheon, Target, Walmart	Supply Chain Analyst, Operations Manager, Supply Chain Consultant	Plan, oversee, and coordinate the operations of a company. Typical responsibilities include procurement (acquiring goods and services from external sources), managing relations, and improving a company's use of resources. **Tech Skills:** Microsoft Excel, Data Visualization, Programming Languages (SQL)
Systems Analysis	JP Morgan, Goldman Sachs	Business Intelligence/Systems/Information Security Analyst, Enterprise Information Analyst	Bring together business and information technology (IT) by understanding computer systems and procedures in order to design solutions to help them operate more efficiently and effectively. **Tech Skills:** Cloud Platforms, Programming Languages (Java)
Systems Support	ADP, Oracle, Insight	Technical Support/Technical Sales/Infrastructure/Security Support and IT User Liaison	Analyze, troubleshoot, and evaluate computer network problems. Provide assistance to people and organizations using computer software or equipment. **Tech Skills:** Operating Systems (Microsoft, Linux)
Technical Sales	IBM, Cisco, Siemens Dell	Business Development Associate, Account Manager, Sales Consultant	Focus on complex and technical products for businesses. Work directly with customers to meet customers' needs and product specifications, prepare contracts, and answer questions. **Tech Skills**: Customer Relationship Management Software (CRM)

ENGAGEMENT OPPORTUNITIES

- Management Information Systems Association (MISA)
- Eller Professional Sales Club
- Zipperman Scholars Program
- Advanced Zipperman Associates (AZA)
- HackArizona
- Eller College Dean's Council
- MIS 441 Systems Analysis & Design
- MIS 478 Project Management