## MANAGEMENT INFORMATION SYSTEMS / OPERATIONS & SUPPLY CHAIN MANAGEMENT CAREERS OVERVIEW

### COMMON INDUSTRIES
- Aerospace/Defense
- Consulting
- Financial Services/Banking
- Healthcare
- Insurance
- Hospitality
- Technology/Science
- Retail

### TYPICAL MIS/OM CAREER OPTIONS

<table>
<thead>
<tr>
<th>JOB FUNCTION</th>
<th>SAMPLE OF COMPANIES</th>
<th>SAMPLE JOB TITLES/POSITIONS</th>
<th>PRIMARY RESPONSIBILITIES</th>
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<tbody>
<tr>
<td>Design &amp; Development</td>
<td>General Motors, USAA</td>
<td>Engineers, Programmers, Application Developers, Designers, System Architect, Business Intelligence</td>
<td>Write and test code for applications and software programs to function properly. Test applications and programs to ensure they produce expected results.</td>
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<tr>
<td>IT Management</td>
<td>Cognizant, Datalink, Insight</td>
<td>IT Consultant, Information Systems Manager, IT/Project Manager, Social Media Manager, Information Security Officer, IT Service Manager, IT Director, CIO</td>
<td>Plan, coordinate, and direct computer-related activities in an organization. Help determine technology goals of an organization.</td>
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<tr>
<td>Networking &amp; Big Data Analytics</td>
<td>IBM, Raytheon, Northwestern Mutual, State Farm,</td>
<td>Database/Network/Systems/Information Security Administrator, Business Analyst/Network Administrator</td>
<td>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.</td>
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<tr>
<td>Operations Management/Supply Chain</td>
<td>Amazon, Raytheon, Target, Walmart</td>
<td>Supply Chain Analyst, Operations Manager, Supply Chain Consultant</td>
<td>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.</td>
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<tr>
<td>Systems Analysis</td>
<td>Goldman Sachs, JP Morgan</td>
<td>Business Intelligence/Systems/Information Security Analyst, Enterprise Information Analyst</td>
<td>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.</td>
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<td>Systems Support</td>
<td>ADP, PetSmart, BDO</td>
<td>Technical Support/Technical Sales/Infrastructure/Security Support and IT User Liaison</td>
<td>Analyze, troubleshoot, and evaluate computer network problems. Provide assistance to people and organizations using computer software or equipment.</td>
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<tr>
<td>Technical Sales</td>
<td>IBM, Cisco, Siemens</td>
<td>Business Development Associate, Account Manager, Sales Consultant</td>
<td>Focus on complex and technical products for businesses. Work directly with customers to meet customers’ needs and product specifications, prepare contracts, and answer questions.</td>
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</tbody>
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### ENGAGEMENT OPPORTUNITIES
- MISA
- Eller Professional Sales Club
- Ziperman Scholars
- Women in CyberSecurity Conference
- HackArizona
- MIS 441 Systems Analysis & Design
- MIS 478 Project Management