

## INTERVIEW QUESTIONS FOR IT

What steps have you taken to acquaint yourself with your chosen profession?

What specific technologies do you have a working knowledge of and through what experience(s) were you able to gain knowledge?

What is the process of managing risks? Are there any tools you use?

What is your methodology for managing projects? Do you follow any specific processes?

Tell me about a time when it was necessary for you to clearly communicate technical information to an audience.

In your opinion, how does managing a staff of technical workers differ from managing other kinds of workers?

Have you done any work as a Project Manager or Project Lead? What additional responsibilities did this add?

## CAREERS IN HUMAN RESOURCES FOR MBAs

The US information technology (IT) services industry includes about 100,000 companies with combined annual revenue of about \$290 billion. The computer facilities management segment of the industry is highly concentrated: the 50 largest companies generate about 80 percent of revenue. The rest of the industry is concentrated: the 50 largest companies account for about 50 percent of revenue.

Demand for IT services is driven by rapid technological advances, but spending for these expensive products depends on the health of the US economy. The profitability of companies depends on offering technical expertise, innovative services, and effective marketing. Large companies have advantages in broad service offerings and global reach, which give them the ability to provide outsourcing services to big corporate customers. Small companies can compete effectively by specializing in market niches or by partnering with larger companies that want to broaden their mix of services.

IT companies mainly provide consulting, systems integration, data processing, and technology outsourcing services to business customers. In addition to providing advice on using computer systems, they frequently recommend hardware and software systems to their customers. Firms provide a variety of associated services, including business function outsourcing, data warehousing, systems planning, enterprise resource planning, and training.

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## MIS VS. COMPUTER SCIENCE

MIS is the group of information management methods tied to the automation or support of human decision-making, e.g. decision support systems, expert systems, and executive information systems. A computer science degree focuses on software systems and programming in great depth. A computer engineering degree focuses on designing and building computer hardware. MIS professionals, on the other hand, require in-depth knowledge of human and organizational issues surrounding computer use such as:

- Designing computer systems to meet specific human and organizational needs
- Designing computer systems for maximum usability and human productivity
- Interpersonal communication using computers
- Record keeping using computers
- Conducting and tracking business transactions with computers
- Supporting teamwork via computers
- Using computers to improve decisions
- Managing organizational knowledge

Information systems are implemented within an organization for the purpose of improving the effectiveness and efficiency of that organization. Capabilities of the information system and characteristics of the organization, its work systems, its people, and its development and implementation methodologies together determine the extent to which that purpose is achieved.

## HOW BAUER RANKS

The Management Information Systems (MIS) program at the Bauer College of Business was ranked #3 world-wide in the 2007-2009. This ranking is based on the scholarly research published by the Bauer MIS faculty in the top 6 MIS academic journals.

## CAREER TRACK OF MIS PROFESSIONALS

- |   |  |
|---|--|
| Identifying user and consumer problems & translating these needs into tech solutions.   | Senior technology management roles involve: technology planning and strategy; technology architectures and infrastructures; corporate wide technology staffing; and management of various critical technology centers. |
| Ability to design and implement the solution within the confines of the organization's infrastructure.  |  |
| Responsibility for entire technology project's: planning; staffing; budgeting; implementation scheduling; training & operational maintenance. | Finally, at the "C" level, the Chief Information Officer (CIO) represents the pinnacle technology role within most corporate environments.   |

## POTENTIAL EMPLOYMENT AREAS

- |                              |                              |
|------------------------------|------------------------------|
| Systems Analyst              | E-Commerce System Developer  |
| Project Manager              | Information Researchers      |
| Database Administrator       | Operations Researchers       |
| IT Infrastructure            | Technology Trainers          |
| IT Consulting                | Business Strategy Analyst    |
| IT Audit and Compliance      | Business Information Analyst |
| Information Systems Managers | IT Director                  |
| Application Developer        | Chief Information Officer    |
| Information Security Manager |                              |

## TECHNOLOGY AT BAUER

Today, more and more information is needed to manage organizations, large and small. From the entrepreneur to the large multinational corporation, managers are looking for the right information in the right format provided at just the right time to make decisions.

Courses offered at the graduate level in MIS include, but are not limited to, Information Systems, Database Management Systems, Transaction Processing Systems, Systems Analysis & Design, IT Management & Controls, MIS Management, Management of Information Communication, and Management of IT Security.

Students interested in IT may want to check out the following MBA level certificates:

- Certificate In Business Consulting
- Certificate in Business Modeling and Decision Making

## RESOURCES FOR IT CAREERS

### LINKEDIN.COM GROUPS

- EOffice
- IT Specialist Group
- Enterprise Architecture Network
- IT Architect Network
- Technology Outsourcing
- Open Source

### ORGANIZATIONS

- Association for Computing Machinery (ACM)
- Association of Information Technology Professionals (AITP)
- Association for Women in Computing (AWC)
- Independent Computer Consultants Association (ICCA)
- Network Professional Association (NPA)
- Society for Technical Communication (STC)

## FOR MORE INFORMATION ABOUT INFORMATION TECHNOLOGY AT THE C. T. BAUER COLLEGE OF BUSINESS

For more information about MIS at Bauer, check out the Department of Decision & Information Sciences at:  
<http://www.bauer.uh.edu/departments/disc/>

For more information on IT careers, check out Career Beam via Bauer Gateway at [www.hirebauer.com](http://www.hirebauer.com).