

COMPUTER INFORMATION SYSTEMS

What can I do with this degree?

AREAS

EMPLOYERS

STRATEGIES

SYSTEMS DEVELOPMENT

Design Support Systems
Web Database
Information Business
Web Development
Administration

Most areas of business and government: Financial institutions
Insurance companies Consulting firms
Manufacturers Computer companies
Telecommunications companies
Retailers Healthcare organizations
Hotels and restaurants Entertainment companies
Educational institutions City, state, and federal government

Develop excellent interpersonal skills for effective communication with technical and non-technical colleagues.
Gain programming experience and knowledge for increased opportunities.
Become an effective problem solver.
Plan to continually educate self on new computer languages and technology.
Obtain business experience through internships or part-time employment.
Supplement program with courses in accounting, human resources, and procurement.

NETWORK TECHNOLOGY

Web Development Intranet
Information Hardware and
Design Support

Most areas of business and government: Financial institutions
Insurance companies Manufacturers
Computer companies
Telecommunications companies
Retailers Healthcare organizations
Hotels and restaurants Entertainment companies
Educational institutions City, state, and federal government

Gain work experience in university computer lab
Develop communication skills and interest in helping others.
Gain knowledge in a variety of computer areas including minor programming, software, and hardware.
Plan to stay abreast of latest technology and software. Obtain applicable certifications such as Cisco or Microsoft.
Develop relationships with small business owners for part-time or freelance network consulting opportunities.
Supplement program with courses in computer science.

AREAS

EMPLOYERS

STRATEGIES

T
ing Software
systems
hardware
Web Site
Web Site
ation

Network access points Internet
service providers Hardware and
software vendors Internet-related
companies including:
Browsers Search
engines Web site
design services
Organizations with complex, self-
manage web sites

Gain experience in web development or
maintenance through part-time jobs or interns
Volunteer to design web sites for student
organizations or community groups. Learn we
related programming languages. Develop a fla
for creativity. Learn to work effectively in a team
participating in
group projects or student organizations.
Earn a graduate degree in technology or busin
for advanced opportunities in analysis, project
management, and executive operations.

TECHNICAL

Service
support

Writing
keting

Software developers
Technical service
providers

Develop excellent verbal and written
communication skills.
Display interest and ability in customer problem
Work in university computer labs.
Take technical writing courses to develop skills
Obtain general sales or customer service exper

EDUCATION/TRAINING

Proprietary (for profit)
schools Community colleges
Universities Corporations
Non-profit organizations

Earn a graduate degree for post-secondary
teaching opportunities.
Develop a research specialty.
Gain experience working with students through
tutoring or assisting in computer labs. Obtain
advanced certifications for training opportunities

CONSULTING

Consulting
firms Self-
employed

Develop exceptional analytical and
interpersonal skills for communicating with
~~clients~~ a strong technical knowledge of comput
a background in business management, and
experience in systems analysis.
Become familiar with various programming
languages and operating systems.
Earn applicable certifications.
Demonstrate ability to self-motivate and
work independently.

GENERAL INFORMATION:

Be aware that careers in computers and technology are constantly changing.

Be prepared to retrain and learn new information on a regular basis.

Certifications are often an important part of training for technical careers. Obtain the certifications that are the most applicable to career and interests.

Gain as much diverse technical experience as possible. Seek positions in computer labs, retail computer/technology stores, or as technical support for any office or business.

Learn about technology in additional areas such as audio/visual or telecommunications. Become familiar with the integration and application of these areas to management information systems.

Develop physical stamina and strength. Many networking professionals are involved in hands-on, physical activity during network installation and maintenance.

Specialize in a specific area of business or industry such as medical office support or sound technology so as to become familiar with applicable software and hardware.

A Management Information Systems major is often closely related to other majors such as Computer Information Systems, Information Systems and Information Technology. While each may be slightly different from the others, all are focused on the application of technology in various environments. In contrast, Computer Science focuses on the theory of mathematical foundations required for the development of systems software such as operating systems and language translators.