

# Computer Information Systems



Career Pathways

## Brown School of Business and Leadership

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### Overview:

Computer Information Systems focuses on practical applications of technology to support organizations. It includes a broad range of subjects including communications, business, database concepts, information systems management, networking, and software design.

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### Acquired Skills MOST Valued by Employers:

- Application, Network, and Database Design
  - Best Technological Solutions
  - Competency in Research, Analysis, and Business Writing
  - Critical Thinking/Problem Solving
  - Oral/Written Communications
  - Teamwork/Collaboration
  - Digital Technology
  - Leadership
  - Professionalism/Work Ethic
  - Career Management
  - Global/Intercultural Fluency
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### Common Pathways:

- Database administration
  - Information Security
  - Instructional Technology
  - IT Project Managers
  - Network Administration
  - Programming
  - Systems Development
  - Technical Writing
  - Technology Consulting
  - Web administration
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*Please note that some of these pathways require an advanced post bachelor's degree*

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### Common Industries:

- Business and Financial Services
  - Education and Training
  - Government
  - Consulting
  - Health
  - Technology Services
  - Healthcare
  - Defense
  - Non-profit
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### Sample of Employers of Stevenson University students:

- AAI Corporation – Textron
- AOL
- Applied Signal Technology
- Dresner Group
- Lockheed Martin
- NIH
- PHH Arval - Element
- PiccoTek Inc.
- RDA Corporation
- SAIC
- AT&T
- Booz Allen Hamilton
- Creative Benefit Solutions
- GANTECH
- Social Security Administration
- Software Consortium
- Sogeti
- St. Paul's School
- TecPort Solutions, Inc.
- US Army National Guard

**Internship Sites for Stevenson Students:**

- Adell Plastics, Inc.
- Baltimore Research
- CareFirst Blue Cross Blue Shield of Maryland
- Ciena Corporation
- City Life Builders
- Clark Construction
- Department of Defense
- EA Engineering, Science, and Technology
- Exceptional Software Strategies
- HHT Foundation International Inc.
- Howard Miller Associates
- Jai Medical System
- Johns Hopkins University Applied
- Physics Lab
- Kitet Tech Group
- Leidos
- Maxim Healthcare Services
- National Geospatial-Intelligence Agency
- Prometric
- Raytheon Solipsys
- SITEC Consulting
- Source One Business Services
- Stanley Black & Decker
- State of Maryland
- TIC Gums Inc.

**An Employer's Perspective:**

The computer information management field continues to grow and holds some of the highest paying positions in management. Large companies require an IT team to determine business and IT strategy for organization, including security systems. Smaller organizations may have a few staff within the company; however, contract with larger IT firms for strategic planning and implementation. The healthcare industry is expected to increase IT use greatly, resulting in job growth. An increase in cloud computing may shift some IT services from non-computer industries (financial firms or schools) to companies engaged in computer systems design and related services. The field requires a strong technology and business background.

**Salaries:**

According to the September NACE Salary Survey, the average starting salary for computer information systems majors nationwide was \$64,638. However, salaries are dependent upon the industry, level of position, and geographical region. A few good resources for researching salaries of specific jobs within various industries are [www.salary.com](http://www.salary.com) and [www.payscale.com](http://www.payscale.com)

