Background: The technology industry can include businesses such as high-tech manufacturing, telecommunications services, software and computer-related services, and also biotechnology. Professionals in the field use computers, servers, software, hardware, and related technology to protect, store, process, transmit, and retrieve information. Information technology is concerned with making improvements to a variety of organizational and societal problems through design, development, and use of technologically based systems and processes that enhance the efficiency and effectiveness of information in a variety of tactical, strategic and operational situations.

Job and Internship Search

CNET Jobs:  www.cnet.com/html/z/dice.html
Telecom Careers:  www.telecomcareers.net
Dice:  www.dice.com
MBA Exchange:  www.mba-exchange.com
Carey Compass:  https://c16-shib.symplicity.com/sso
Also: Individual firm websites

Entry: Tech careers are ever-changing due to the speed of technological advances. For those who maintain their jobs in IT by adapting, keeping their skills updated, and staying ahead of the changes in the industry, it remains a high-earning field. Having the appropriate degree, the ability to think analytically, and the desire to continually learn new technologies are necessary for obtaining and keeping a job in the IT industry. There are many opportunities for MBAs to advance in IT, primarily in consulting, finance, law, marketing, sales, training, and product management, or in a director-level position with a technology manufacturer. Programming jobs are among the most prevalent, but overall, the availability of these jobs is declining, and many have been outsourced abroad. Despite the outsourcing, IT jobs for qualified workers in the U.S. still exist. Entry positions for MBA-level job seekers would likely include marketing or business analysts, or project managers.

Trends: The IT industry is constantly evolving, and new trends emerge every few years. The advent of cloud and mobile technologies has allowed firms to operate outside of the traditional office framework and has led to demand for even greater enterprise mobility and flexibility solutions. Many firms are also developing green technology solutions to reduce energy consumption and increase efficiency.
Leading Firms

Industry Leaders
IBM (U.S.): www.ibm.com
Microsoft (U.S.): www.microsoft.com
Google (U.S.): www.google.com
Amazon (U.S.): www.amazon.com

Regional Firms
Micros Systems (MD): www.micros.com
Zenoss (MD): www.zenoss.com
BAE Systems (MD): www.baesystems.com
Bethesda Softworks (MD): www.bethsoft.com
Lockheed Martin (MD): www.lockheedmartin.com

Professional Associations

<table>
<thead>
<tr>
<th>Name</th>
<th>Function</th>
<th>Membership and Benefits</th>
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<tbody>
<tr>
<td>Association of Information Technology Professionals (AITP)</td>
<td><a href="http://www.aitp.org">www.aitp.org</a></td>
<td>Seeks to advance the IT profession through professional development, support of IT education, and national policies on IT that improves society as a whole</td>
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<tr>
<td>Institute of Electrical and Electronics Engineers (IEEE)</td>
<td><a href="http://www.ieee.org">www.ieee.org</a></td>
<td>Fosters technological innovation and excellence for the benefit of humanity</td>
</tr>
<tr>
<td>ISACA</td>
<td><a href="http://www.isaca.org">www.isaca.org</a></td>
<td>Provides practical guidance, benchmarks, and other effective tools for all enterprises that use information systems</td>
</tr>
<tr>
<td>Tech Council of Maryland</td>
<td><a href="http://www.techcouncilmd.com">www.techcouncilmd.com</a></td>
<td>Helps the region’s technology organizations grow through its membership and activities</td>
</tr>
</tbody>
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Networking
Carey Technology and Innovation Club: www.careystudents.com/tic
LinkedIn Technology/Industry:
www.linkedin.com/skills/skill/Technology
www.linkedin.com/channels/technology
Uncubed: www.getuncubed.com
MD Tech Breakfast: www.meetup.com/TechBreakfast

Questions about the technology industry?
Contact Corinne Brinnier at cbrinnier@jhu.edu

Events and Conferences
Consumer Electronics Show: www.cesweb.org
Oracle OpenWorld: www.oracle.com/openworld
Technology Conference and Expo: www.technologyconference.org
Fortune Brainstorm TECH:
www.fortuneconferences.com/brainstorm-tech-2013
TED Conferences: www.ted.com/pages/registration