

INFORMATION TECHNOLOGY: DEFINITION AND JOBS

Information technology is a popular buzzword today, but what does it actually mean, and what kind of jobs can you actually get with an information technology degree? IT is a rapidly growing field, and has seemingly endless career prospects.

When the term information technology was originally used in the 1950's, it referred to only large organizations that needed to store data using giant machines. Today, information technology and this data storing can happen from your phone in your pocket thanks to cloud computing. The average person utilizes computer systems several times a day, and the average organization requires extensive tech systems to succeed. So the term IT has grown to mean a lot more, and information technology is now an entire industry all associated with technology and how we use it every day.

Information technology jobs.

There are a wide variety of jobs you can get in IT, including:

Web developer. Web developers are responsible for creating the look and technical aspects of a website.

Network administrator. Network administrators are in charge of making sure the computer network for an organization is secure, and runs smoothly.

Data analyst. Data analysts take big data and find patterns to help business leaders make decisions.

IT manager. IT managers oversee all the hardware and software that an organization uses to run.

Cyber security expert. Cyber security professionals are in charge of making sure data and information stay safe from attacks and threats.

Cloud administration. Cloud administration is involved with ensuring that an organization's cloud software is working correctly and securely.

Computer systems analyst. Computer systems analysts are responsible for determining how a computer system is working, and what can be done to make the processes more effective.

Computer and information research scientist. Computer and information research scientists are responsible for inventing and designing new approaches for tech.

Computer hardware engineer. Hardware engineers are in charge of researching, designing, and testing new computer hardware.

Computer network architect. Network architects are in charge of building data communication systems for an organization.

Software developer. Software developers are the ones who create the ideas and models for computer programs. They are sometimes called software engineers.

Computer programmer. Computer programmers take the models and ideas from software developers and use code to turn it into an actual program.

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