

# COMPUTER & INFORMATION TECHNOLOGY

Do you Like PCs, Tablets, iPads and Smart Phones?  
Do you like creating solutions using computer programming?  
Do you like to go to the CLOUD for Social Media and Research?

## Look around you...

(IT) is the application of computers and telecommunications equipment to store, retrieve, transmit and manipulate data, often for a business or a Company. It is hard to imagine our lives without computers and PC's now a day. If you are interested in designing a system that could be useful to a business, create an application for your Smart Phone, Tablet and iPad, or manage and maintain a computer network with PC's and Mobile Devices, consider a career in Information Technology (IT).

## What It Takes:

- Love of Computers, Science and Problem Solving
- Great Communication Skills
- Enjoy working on a Team
- Creative Vision and Imagination
- Desire to Automate a Process

## Check Out This Cool Career... Software Engineer

One of the most critical and creative jobs in this industry is of a Software Engineer. They work in teams and possess excellent communication and problem-solving skills. This job requires a minimum of a bachelor's degree in computer science, electrical engineering, computer engineering or a related discipline. They Design and create engineering specifications for software programs and applications. They Work with quality assurance to develop software test plans and collaborate with hardware engineers to assess and test hardware and software interaction. Software Engineers have developed most of the applications we see and use daily on our PCs, Smart Phones and Tablets these days.

## High-Wage, High-Demand Careers in Computer & Information Technology

### Occupations:

Chief Information Officer (CIO)  
Database Administrator  
Data Analyst/Report Writer  
Software Engineer  
Electronic Data Interchange (EDI) Expert  
IT Auditor  
Network Architect  
Network Engineer  
Network Administrator  
Project Manager  
Quality Assurance/Testing Manager  
Systems Analyst  
Systems Security Administrator  
Web Administrator  
Web Designer  
Web Developer  
Computer Operator  
Desktop Support Analyst  
Help Desk Tier 1  
Instructor/Trainer  
PC Technician

### Education required:

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### Average Annual Salary:

\$157,000 - \$262,500  
\$91,000 - \$134,750  
\$70,750 - \$108,250  
\$96,000 - \$156,250  
\$74,750 - \$108,250  
\$94,500 - \$134,500  
\$115,000 - \$165,250  
\$90,750 - \$131,250  
\$71,250 - \$105,750  
\$91,250 - \$139,250  
\$90,000 - \$122,500  
\$79,500 - \$114,500  
\$100,000 - \$140,250  
\$66,500 - \$102,000  
\$64,000 - \$105,500  
\$73,500 - \$122,000  
\$34,750 - \$48,000  
\$52,000 - \$77,000  
\$34,000 - \$47,250  
\$54,250 - \$87,250  
\$33,750 - \$49,750

\*OJT = On-the-Job Training

# Career Paths in Computer & Information Technology



## Computer & Information Technology Partners



All worlds represented in this career expo require employees to be drug free.