IT skills

**Programming** is Being able to program will be a must for those who want to develop software, web applications, and websites. It’ll also be useful for IT workers who want to automate tasks.

* **Python​** is developing websites and software, task automation, data analysis, and data visualization.
* **C++** is developing browsers, operating systems, and applications, as well as in-game programming, software engineering, data structures, etc.
* **JavaScript** is a scripting language used to develop web pages.
* **Ruby** is  building desktop applications, static websites, data processing services, and even automation tools.
* PowerShell

**Systems and networks** is making sure computer systems and networks are operating smoothly is central to the work of an IT team.

* Administering diverse operating systems like Windows, Linux, or Mac
* Installing and configuring computer hardware and software
* Cloud administration and applications
* Maintaining local area networks (LAN), wide area networks (WAN), storage area networks (SAN), and virtual private networks (VPNs)
* Troubleshooting
* Helping employees with technical issues

### Data analysis is being able to analyze data will be useful for various IT tasks. Monitoring performance data can help teams find security threats, or see where inefficiencies exist in their operations.

* SQL
* Statistics
* Python

### Cloud computing involves establishing and maintaining network operating systems so electronic devices can communicate with one another.AWS

* Google Cloud
* Microsoft Azure
* Oracle