

Skills:

- Complex problem solving
- Critical thinking
- Active learning
- Time management
- Mathematics
- Detail oriented
- Interpersonal skills
- Understanding of operating systems

Knowledge:

At least a bachelors degree in computer science or a related field. Generally 5-10 years of experience with information tech.

Duties and Responsibilities:

- Create plans and layouts for data communication
- Consider information security while designing
- Upgrade hardware required to support computer networks

Pros:

Job is interesting, above average salary, room for growth.

Cons:

Job is complex, exasperating at times, a lot of diverse knowledge is required.

Language:

Generally any language you like.

Average annual salary:

Computer network architect: 109,020\$

Cloud Architect: 125,000\$

Computer Network Architects implement network and data communication systems. This includes LAN, WAN extranets and intranets. C.N.As test systems and resolve problems as they occur. Computer Network architecture and cloud architecture are becoming interchangeable.

Cloud architects work on the cloud where they determine ways that computers can all connect to a network. Cloud Architects convert technical requirements into the architecture and design that will fit the final project guide.

Companies are looking less to hire computer network architects, and more towards specifically Cloud Architects. Some of the companies in Saskatchewan are; CGI and AWS (Amazon)



Computer Network Architect

For more info:

<https://collegegrad.com/careers/computer-network-architects/>

<https://cloudacademy.com/blog/what-exactly-is-a-cloud-architect-and-how-do-you-become-one/>