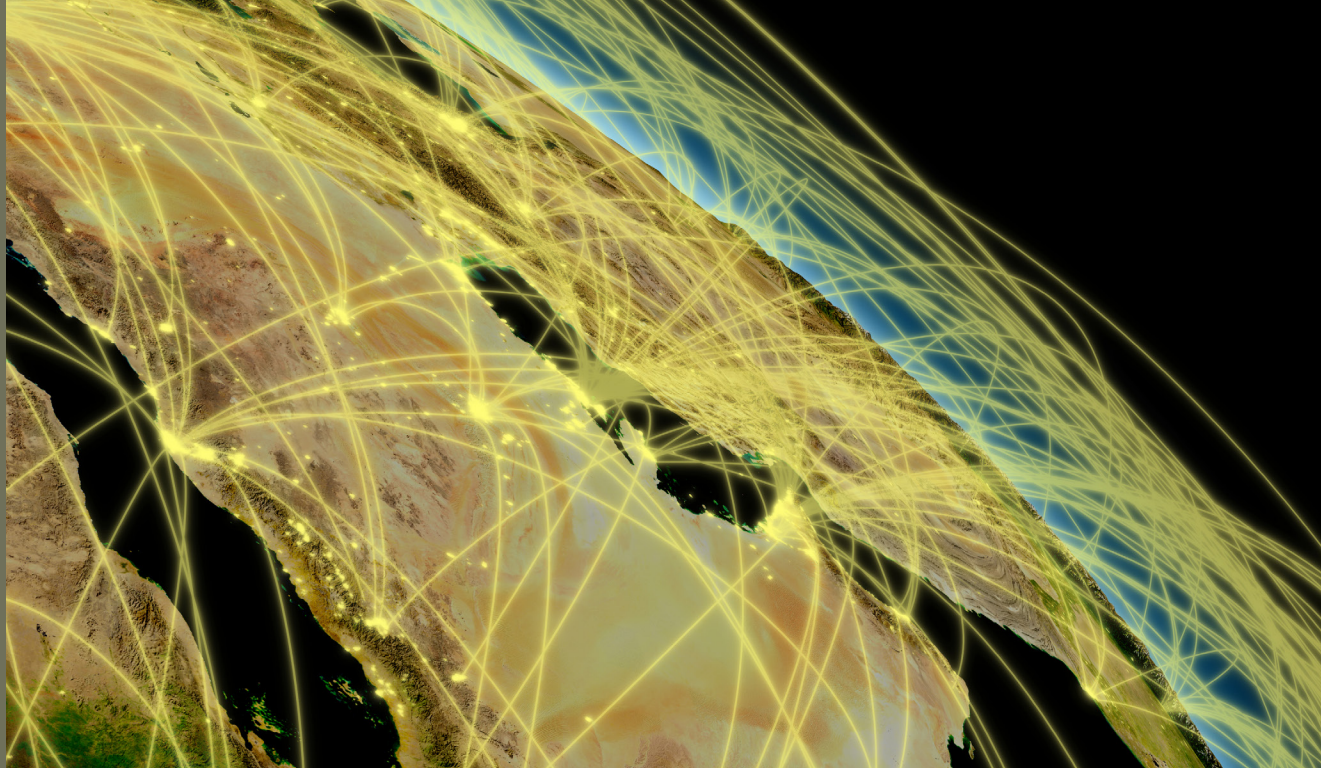


# INFORMATION TECHNOLOGY

- **Cyber Underwriter**
- **Project Manager**
- **Network Developer**
- **Systems Programmer**
- **Business Analyst**
- **Web Master**

Cyber attacks are a more common threat than ever before, with the potential to incur significant damages and losses. Attacks can come from individual hackers, organisations and even dedicated military units. Targeting up to entire IT infrastructures and computer networks, the consequences can be the loss of confidential personal and corporate information, or disasters like blackouts. As more businesses and governments confront their exposure to cyber threats, (re)insurers are developing ways to take on the growing risks.



If you like information technology, you might be interested in exploring a (re)insurance career as a:

**Cyber Underwriter > Project Manager > Network Developer > Systems Programmer > Business Analyst > Web Master**

### Interested in Information Technology?

Do you like keeping on top of the latest developments in technology? A career in IT or cyber underwriting might be for you. People skills are an asset in certain roles as well as the ability to translate business needs into technical solutions.

### What do they do?

IT professionals have many roles in an international insurance and reinsurance company. Responsibilities include, but are not limited to:

**CYBER UNDERWRITER** – includes analysing the risk of cyber-attacks, analytics, risk modelling, and requires extensive knowledge and interest in IT systems and the ability to market the company's products

**DATA SCIENTIST** – one of the top jobs in America according to the Jobs Related Almanac. This career combines IT, statistical analysis and other disciplines to interpret trends from data

**INFRASTRUCTURE** – includes support for computer network, telephones, email, laptops, hand held devices and cell phones. This function supports communications channels and ensures that employees have the ability to work while out of the office at any time and from any place in the world

**DEVELOPMENT** – includes application development, software engineering and design, including maintaining existing software and creating new software and databases for particular business needs

**SECURITY** – includes maintenance of secure network and application access

**HELP DESK** – provides support to users with day-to-day technical problems

Project and budget management

### Education and background

A degree and/or a professional qualification or college course in computer development and application are usually required. On-the-job training and development are critical as IT professionals constantly need to update skills and recertify to keep up-to-date with industry standards and current technology. There are also many on-line learning opportunities available to build skills while you work.

Depending on which area of IT you pursue, there are several areas to obtain professional qualifications such as web development, software programming or security certification.

### Further Information

[www.bcs.org](http://www.bcs.org) - British Computer Society

[www.iap.org.uk](http://www.iap.org.uk) - Institution of Analysts and programmers

---

*The information in this flyer is provided by the Association of Bermuda Insurers and Reinsurers (ABIR) to help students explore potential careers in the insurance industry using their favourite school subjects. Please consult your career guidance counsellor and do your own research to help you plan your career path. Bermuda's insurance industry offers many interesting careers for Bermudians. Start early to make the most of the opportunities available.*

Find out more about ABIR at: [www.abir.bm](http://www.abir.bm)



Association of Bermuda Insurers & Reinsurers