

That Team's ideal jobs

Embedded Software engineer
Level 3 Senior Network Specialist
Financial Data Analyst
Cyber Security, Technology Risk and Compliance Manager

- How do each of these rank in terms of demand from employers?

According to Job insights from Burning Glass Technologies, Software engineer ranks 11th in top job titles. Software engineers will continue to be in high demand. According to Cyberstates 2018, there are 1.4 million software and web developers-which is the largest and fastest growing category of tech jobs. Cyber security jobs are also in high demand due to lack of cyber security professionals. It is estimated that by 2020, there will be a global shortfall of over 1.5 million cyber security professionals. Almost 20% of positions in Australia will go unfilled because of a lack of trained professionals. The need for quality cyber security experts worldwide is clear. Although Data Analyst is not on the top titles, business intelligence analysis and data analysis professionals are looking to be in the highest demand from employers in the future. It was reported in Computerworld the growth in AI, data science, and big data analytics has created 2.7 million new jobs forecasted globally by 2020.

- From your group's ideal jobs, you can identify a set of skills required for these jobs (we will refer to this as your group's required skill set). These can be divided into general skills (communication, problem solving, writing etc) and IT-specific skills (JavaScript, SQL, etc).

IT Skills	General Skills
Programming (JAVA, C#, Python)	Communication
Software Engineering	Problem Solving
CCNA/CCNP	Teamwork
Network and Operating Systems	Analytical Skills
Git	Troubleshooting

o How do the IT-specific skills in your required skill set rank in terms of demand from employers?

According to Labour insights provided by Burning Glass, Programming languages like JAVA and C# are in the top 12 of IT Skills that are in greatest demand from employers. Strong knowledge of operating systems like Windows and Linux are also in demand from employers. Git was also regarded as an in-demand skills to have as an IT professional. Although CCNA/CCNP was not included, I do think having one of these certifications will be highly regarded for network/cyber security jobs.

o How do the general skills in your required skill set rank in terms of demand from employers?

Communications skills is still the top general skill to have when it comes to employers. Having high level verbal and written communication skills are essential in any workplace. From a business standpoint, all transactions result from communication. Teamwork, problem solving, and analytical skills are also regarded as skills that are in great demand.

o What are the three highest ranked IT-specific skills which are not in your required skill set?

SQL

JavaScript

Project Management

o What are the three highest ranked general skills which are not in your required skill set?

Organisational Skills

Writing

Planning

• Having looked at the Burning Glass data, has your opinion of your ideal job changed? Why or why not?

No, because my Ideal job of Cybersecurity Professional is looking to be one of the highest in-demand jobs in the future. There are a lot of current job insights that are predicting the demand from employers. Even today, there is a high demand but short supply of Cyber Security professionals.