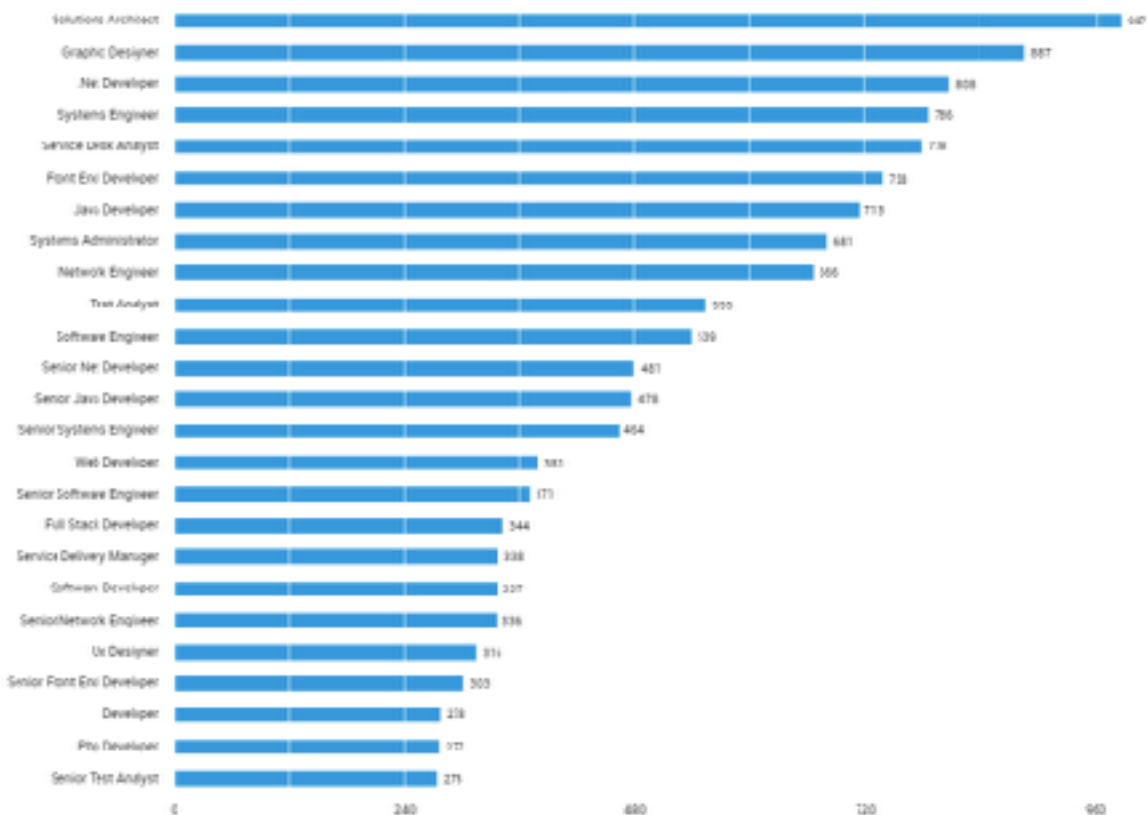


Active Selections

Last 365 days AND Australia OR New Zealand AND (BIGFOCC Family : Information Technology)



This chart displays the 'top titles' within the information technology sector as of March 24th 2017.

The titles that our group have mentioned to be their ideal roles include the following:

Senior Software Engineer - Harley Tuleja

C++ Engineer - Steven Flanigan

Mobile App Developer - Liam Hackett

Network Architect - Daniel Mammone

Scientific Programmer - MaryJane Amos

Senior Software Engineer was the sixteenth most prevalent role according to the Labour Insight Data with a total of 371 job postings.

C++ Engineer was not on the top list of roles in the chart as it is a specific role and program. Software engineers however were on this list and ranked 11th with 539 job listings with that title.

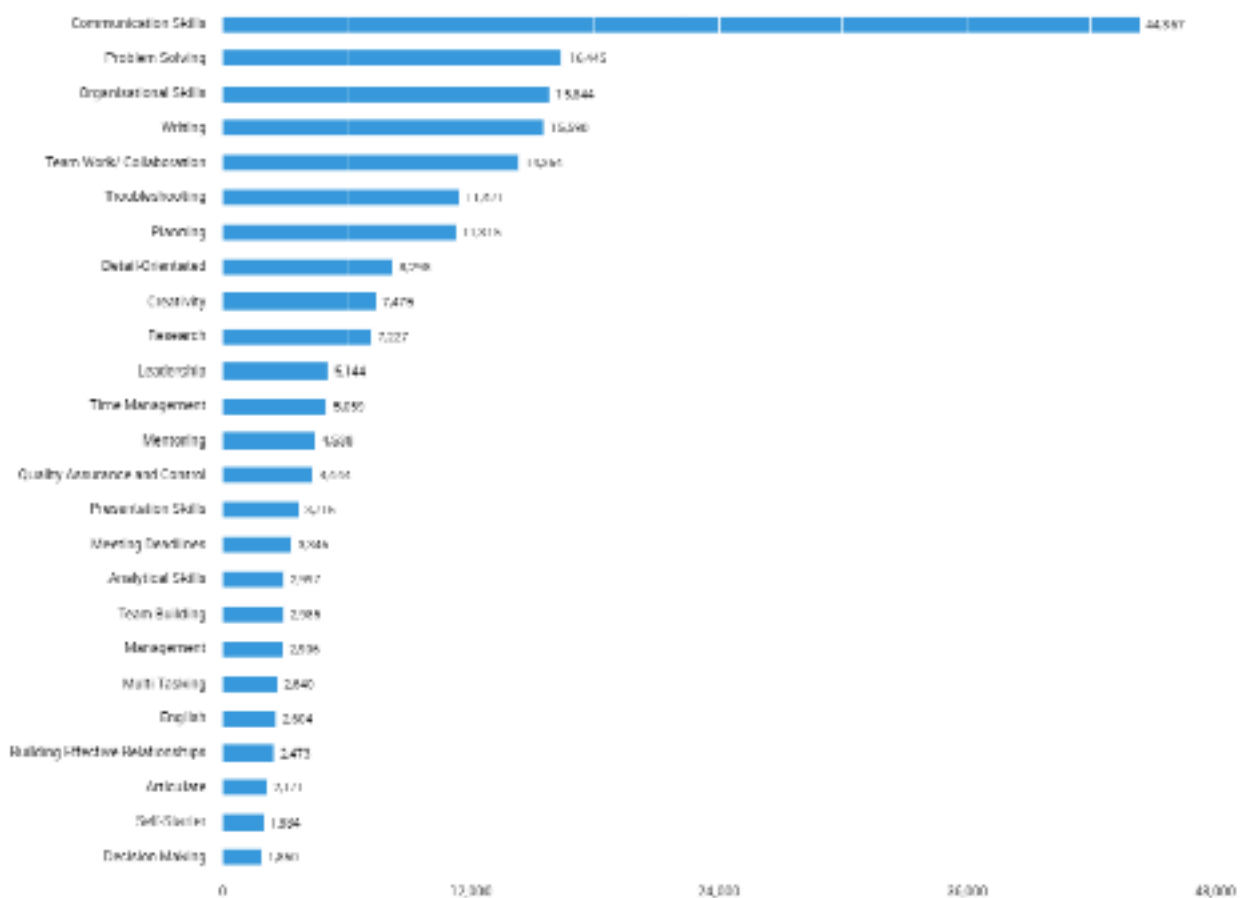
Mobile App Developer as a specific role was not on the list however there were several mentions of developer positions throughout the list. They included Net, java, Senior Net, Senior Java, Web, Full stack, Software, senior front end, php and general developer roles.

Network Architect was not specified on the chart by Labour insight however the number one most sort after role was 'solutions architect' it had 987 roles for that title, the ninth most sort after role was Network engineering which had 666 roles being offered with that title.

Scientific Programmer was not on the list of top titles however as with this role it is closely related to developing and engineering which were all listed in the top roles according to this chart.

Active Selections

Last 12 months AND Australia OR New Zealand AND (BCTOCC Family - Information Technology)



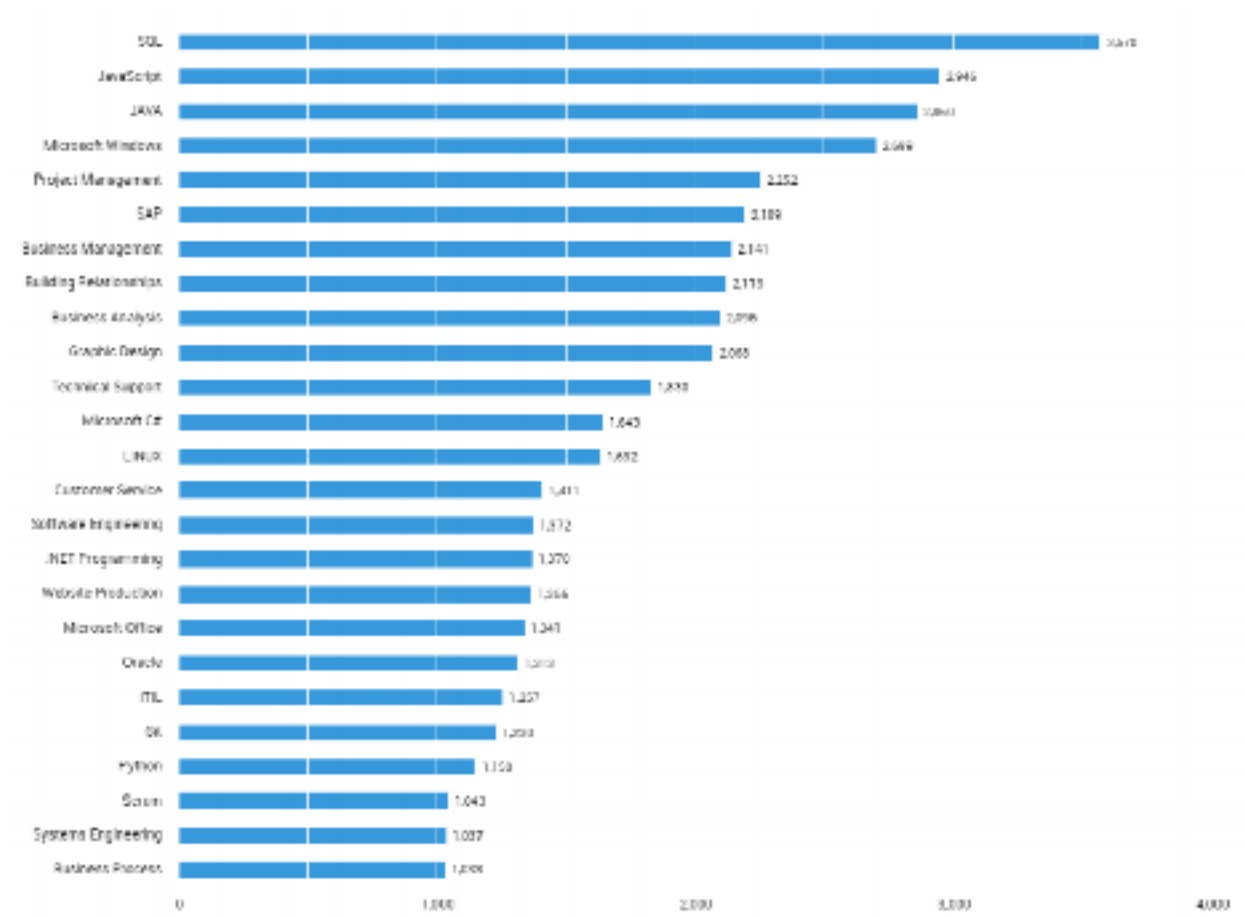
This chart displays the 'Skills in Greatest Demand (Baseline Skills)' within the information technology sector as of Mar. 01, 2017 - Feb. 28, 2018.

General skills required include (Skill set) :

- Communication Skills, verbal and written
- Problem solving skills (debugging and forming solutions)
- Written skills
- Research
- Analytical skills
- Troubleshooting
- Team work

Active Selections

Last 90 days AND Australia OR New Zealand AND (BGTOCC Family : Information Technology)



This chart displays the 'Skills in Greatest Demand (Specialised Skills)' within the information technology sector as of Dec. 24, 2017 - Mar. 23, 2018 .

IT specific skills required (Skill set)

- Coding
- C++
- Linux
- Python
- VMware
- SD WAN experience
- AWS
- Azure
- C#
- WPF
- MVVM
- UX design

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

The data chart by labour insight lists the top specialist skills in demand according to the filters applied during the search. There was a total of 27,435 jobs with these skills specific to IT. The top skill was SQL which had 3,570 job listings, none of our jobs required SQL as a specialised skill. C++ was among our skill set required for a few jobs however that skill was not on the chart there was however Microsoft C# with 1643 job listings specifying it as a required skill for the role. Linux was among the required skills for 1,632 positions, Linux by this chart is a highly sort after skill that would expand employment opportunities. Python is also a popular skill amongst employees with 1,150 job listings with this requirement. VMware was not included in this list as it is a software company that specialises in virtual machines. Familiarity with such software is not common due to it's uniqueness to a few areas in IT. SD-WAN (software-defined networking in a wide area network) was also not included in the top list of required skills. AWS (amazon web services) failed to make the list also, this may be due to it's specificity. Azure which is a Microsoft cloud computing service was not included in this chart as well. Windows Presentation Foundation

WFP, UX design and Model–view–viewmodel (**MVVM**) a software architectural pattern were not among the specialised skills that most employers mentioned in their job listings.

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

All our jobs had a common skill requirement of communication, employers either specified verbal communication or written communication. This was seen with the chart as over 44,000 job listings had this as their required general skill, employers really value communication as it's necessary in any job. Problem solving was the second on this chart and had 16,445 job listings that made a mention of the skill. Problem solving in our skill set was evident however it was presented with other synonyms such as debugging or implementing solutions. It was also interesting to observe that the chart had trouble shooting listed as the sixth skill most employers look for. It can be argued that troubleshooting is another word for problem solving. The problem solving process requires trouble shooting and are connected to each other. Our skill set included trouble shooting and problem solving as mentioned earlier. Analytical skills and research were also part of our group's skill set, it can also be argued that these skills have a relationship to the skill of problem solving as they are often used to problem solve. The most important skills that employers look for according to this chart are communication and problem solving as a high number of job listings have stated these terms in their descriptions or advertisements.

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

SQL with 3,750 job listings

JavaScript with 2,946 job listings

JAVA with 2,860 jobs

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

Organisational Skills with 15,844 jobs

Writing with 15,590 jobs

Planning with 11,471 jobs

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

After looking at the burning glass data it is evident that specific jobs are more in demand than others particularly developing, analyst and engineering roles. My job title in particular was not present on this list. The title of scientific programmer is more specific to the scientific sector therefore it is not a popular field for IT, I do see that there are aspects of the popular roles included in my ideal job such as analyses and to some degree developing. When it comes to job security and gaining employment it makes sense to consider other roles which are known to be popular and in demand, however my opinion of my ideal job has not changed. I believe it is a niche industry especially when it comes to the IT portion of science and research. This does not mean there aren't such roles. The top or most common roles that relate to information technology are included in this list, there are so many less popular roles that didn't make it to the list for that reason. My overall opinion about my ideal role remains unchanged however I'm now more aware that it is not as popular as other roles and may prove to be a challenge to obtain.