**Industry Data**

**Job Titles and Ranks**

The following ranks are from a Burning Glass Technologies report showing the job landscape of the IT industry in Australia and New Zealand over a 1-year period ranging from 24/03/2017 to 23/03/2018 and have used data from 120353 postings.

Where an appropriate job title could not be located in the study a current job search using [www.seek.com.au](http://www.seek.com.au) has been used and added to everyone else to add context. The data from seek is however very different to that of the Burning Glass as it only captures current vacancies from the last 30 days from day of writing (17/04/2020). Also, many jobs overlap across job titles as well as 1 vacancy being advertised by multiple recruitment agencies.

**Adam W. – System Administrator.**

System Administrator ranks at number 8 out of 25 on the list with 681 jobs listed in the 1-year time frame that the Burning Glass data shows.

<https://www.seek.com.au/system-administrator-jobs?daterange=31> shows that across Australia there are currently 1325 active job vacancies as of 17/04/2020.

Having looked at both the Burning Glass data and Seek my choice of System Administrator has not changed. The job appealed to me because of the service it was delivering as well as the skills that are required as ones which I hope one day to possess. My ideal job requires skills that rank at the top of the Generic & IT-specific skills. The job title itself ranks in the upper third of the list meaning there is an availability of jobs. The data itself has only reinforced my original choice of System Administrator as an ideal job.

**Patrick M. – Chief Information Officer.**

The job in the Burning Glass data which most accurately reflects Patrick M’s job is that of a Service Delivery Manager. It ranks at number 18 out of 25 with 338 jobs listed.

<https://www.seek.com.au/chief-information-officer-jobs?daterange=31> shows that across Australia there are currently 377 active job vacancies as of 17/04/2020.

**Patrick J. –Database Analyst.**

The Burning Glass data does not provide an accurate job role for that of a Database Analyst. <https://www.seek.com.au/database-analyst-jobs?daterange=31> shows that across Australia there are currently 228 active job vacancies as of 17/04/2020.

**Jay H. – System Engineer.**

The job in the Burning Glass data which most accurately reflects Jay’s job is that of a Systems Engineer. It ranks at number 4 out of 25 with 786 jobs listed.

<https://www.seek.com.au/systems-engineer-jobs?daterange=31> shows that across Australia there are currently 5318 active job vacancies as of 17/04/2020.

Observing the Burning Glass Data, I was taken aback at the top IT titles in Australia. After looking through the list I still want to become a Computer Engineer, I may need to look at working in another country. Communication skills and problem solving ranking the two top baseline skills was no shock. No matter the project communication between co-workers and clients is key to moving forward. Resolving issues in large projects requires problem solvers who can communicate with one another.

**Jacob K. – Software Engineer**

Software Developer ranks 19 out of 25 on the list with 337 jobs listed on the report.

<https://www.seek.com.au/software-developer-jobs?daterange=31> shows that across Australia there are currently 3652 active job vacancies for a Software Developer as of 17/04/2020.

My ideal job has changed. The one I selected originally was in a software development roll, and the one I now want to have is software engineer. There are more jobs for a software engineer than software developer, and further researching the roll of both, software engineering appeals to me more. A software engineer is required to develop a solution to a software problem, maintain, test and evaluate software where as a software developer builds that same software.

**Generic & IT-specific Skills Ranks**

**Generic Skills -** The following ranks are from a Burning Glass Technologies report showing the baseline (generic) skills in the greatest demand in the Australian and New Zealand IT industry. They capture a period from 01/03/2017 to 28/02/2018 and have used data from 121997 postings with 25 generic skill set filters applied.

Across all 5 of the ideal jobs there are 3 recurring **generic** skills that appear to be the most sort after. These make up out group’s required generic skill set. They fall under the categories of *Communication Skills, Teamwork/Collaboration* and *Problem Solving*.

***Communication Skills:*** This is ranked number 1 out of 25 on the list with 44367 postings requiring it as a generic skill for the position.

***Teamwork/Collaboration:*** This is ranked 5 out of 25 on the list with 14364 postings requiring it as a generic skill for the position.

***Problem Solving:*** This is ranked 2 out of 25 on the list with 16445 postings requiring it as a generic skill for the position.

The 3 highest generic skills that are not in our groups required skill set are *Organisational Skills, Writing* and *Troubleshooting.*

**IT-Specific Skills –** The following ranks are from a Burning Glass Technologies report showing the specialized (IT-specific) skills in the greatest demand in the Australian and New Zealand IT industry/ They capture a period from 24/12/2017 to 21/03/2018 and have used data from 27435 postings with 25 IT-specific skill set filters applied.

Across all 5 of the ideal jobs there are 3 recurring **IT-specific** skills which are required the most. They fall under the categories of *SQL, Microsoft Windows* and *Microsoft C#*.

***SQL:*** This is ranked number 1 out of 25 on the list with 3570 postings listing it as a required skill for the position.

***Microsoft Windows:*** This is ranked 4 out of 25 on the list with 2699 postings listing it as a required skill for the position.

***Microsoft C#:*** This is ranked 12 out of 25 on the list with 1643 postings listing it as a required skill for the position.

The 3 highest IT-specific skills that are not in out groups required skill set are *JavaScript, JAVA* and *Project Management.*