# Assignment 1

## Industry data.

Ryan’s ideal job is to be a Senior Systems Administrator and Server Engineer. Based on the burning glass information provided, the top 3 skills most employers are looking for are; communication, problem solving and organisational skills. These skills relate to Ryan’s ideal job as being a senior engineer, because the job requires him to communicate with lots of people including Junior tech, Clients, and None technical departments such as, management and sales. Problem solving is next on the list because with any good engineer you need to think both inside and outside the box, as some issues that may come forth needs a lot of attention to solve and quick thinking. Organisational skill is a close third, as all employees want work to a neat and organised organisation and be able to meet deadlines.

I believe these skills are in more demand the technical skills as technical skills are easier to teach than developing an individual’s personal skills and attitude towards work. These skills would help with the day to day operations such as project meetings and **creating a plan of attacked** before the work is even started because with a project destination the work could get messy and drag out the final project making the business lose profit.

Ryan’s skill set would be rated one of the lowest skills sets in the burning glass table as it seems most employers are looking for data mining /analyst skills using SQL and various programming languages including JavaScript for back end server analyst’s on website visitors and sales and java for developing mobile apps to bring in more customers as mobile consumer traffic (MCommerce) is on the rise.

But as for job in demand, systems engineers are one of the top jobs. However, all businesses still need someone to look after and maintain their server because without server the software engineers have no place to store their applications and data reserved from their applications.

The 3 most general skills not needed in systems engineering would be management, quality Assurance and team building as these skills doesn’t fall under the job description and should be managed by another team member or department.

With this information Ryan is now undecided if he should focus more on security, hardware and operating systems or move more into a data analyst role developing his skills in SQL further and learning more about mobile/web site building structures. An example job could be developing a mobile application that links back to a backend web server running MySQL as this MCommerce market is growing and there will be a wide range of high paying jobs in this sector and could lead to him starting his own business one day.