Industry Data

1: Some of the ideal jobs from our group were game designer, system administrator, software engineer, software programmer and Cyber security analyst. The jobs that are mentioned, a lot of them have varying demands, data I found for software programmer had the job hovering in the middle of the chart at 1282 job available and software engineer had 3975 jobs in demand in the updated Burning Glass Data for jobs in demand, while other roles were not included in the list, the chart does show that a majority of the demand is mainly for engineers and developers, very few in designer and some for analyst.

2: Set of IT and generic skills are required for these jobs and factor in to see if employers would hire someone for these skills as they could be essential in the workforce. These skills range from basic communication and interaction skills to knowing every database program or coding language, having a diverse set of skills allows for more job openings and choices for both the employer and employee as they can choose to work in different projects.

A set of generic IT skills that can be required are organisation skills, communication skills, problem solving skills, teamwork/ collaboration skills, multi tasking, presentation skills, planning, time management and leadership skills.

A set of IT skills that are required are understanding SQL, java script/Java, python, website production, understanding of Windows and Linux, project and business management, graphic designing.

2.1: A majority of the IT specific skills are fundamental skills needed to be working in the IT industry, the greatest demand was the knowledge and understanding of SQL, JavaScript, python, a majority of the IT skills that are demanded from employers are coding languages, basic understanding of OS and databases/SQL . The IT specific skills that are required for the jobs are varying as the specified ideal jobs have different skills needed compared to the industries main demanded skills.

2.2: Generic skills that are mainly required are communications skills which had the highest demand, this skill is crucial in expressing one’s opinions and thoughts as lack of communication leads to isolation which depletes the creativity of the individual as they are unable to express their ideas to everyone. Other crucial generic skills that were high in demand were problem solving skills, organisational skills, planning, writing and team collaboration, these skills are crucial in being able to successfully collaborate and work in a group environment.

2.3: IT skills that are considered not essential or required in the skills set would be project management, building relationships and business management, although these skills can be crucial, when working alone on a specific tasks these skills would be not required, these skills are essential for a group leader or the person who handles the management of the workload in a team, for individuals these skills wouldn’t be essential unless they were to take up a leadership role.

2.4 Three highest ranked general skills that are not a required skill set would be organisational skills, team work/collaboration and planning, these skills can be essential to some individuals however they are not requirements for everyone, as long as employees are able to complete their task effectively and efficiently these skills are not as crucial.

3. My opinion of my ideal job hasn’t changed much as I there are similar jobs to Data analyst such as test analyst and system analyst which have a high demand, this shows that there are similar jobs in the field and have demand, this leads me to believe that although I may not get a data analyst job specifically but a job in a similar field.

Updated Data Broken Glass:



