**Industry Data (everyone)**

**Rubric (15 Marks):** - You have clearly identified relevant job titles for your ideal jobs.

- You have clearly and accurately identified and ranked your group’s required skill set.

- There is commentary and involved discussion on how this data may have changed your opinion is provided.

**Questions to answer**

* What are the Job Titles for your group's ideal jobs?

Adam -

Akhil – Chief Technical Officer (CTO)

Alan – Software Developer

Jack – Business Development Manager (BDM)

Jake – Penetration Tester

Stephen – Software Developer

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

Using data from 01 Mar 2017 – 28 Feb 2018, there are 121,997 postings available.

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| --- | --- | --- |
| Group's Ideal Jobs | No. Job Postings | Percentage of total amount of jobs posted |
| Adam - |  |  |
| Akhil – Chief Technical Officer (CTO) | 3,749 | 3.07% |
| Alan – Software Developer | 29,465 | 24.15% |
| Jack – Business Development Manager (BDM) | 3,749 | 3.07% |
| Jake – Penetration Tester | 4,261 | 3.49% |
| Stephen – Software Developer | 29,465 | 24.15% |

* 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).

Our group's required skill set includes: Communication, project management, programming, knowledge of multi controller motherboards or general purpose computer similar to Arduino or Raspberry Pi, planning and time management, multi-tasking, and problem solving skills.

* These can be divided into general skills (communication, problem solving, writing etc) and IT-specific skills (JavaScript, SQL, etc).

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| --- | --- | --- |
| Group's Ideal Jobs | Set Of Generic Skills Required For These Jobs | Set Of IT Specific Skills Required For These Jobs |
| Adam - |  |  |
| Akhil – Chief Technical Officer (CTO) | Leadership, management, team building, communication, organisational, planning, decision making, time management | Java, Microsoft Windows, project management, SAP, technical support, Linux, Python, systems engineering, ITIL |
| Alan – Software Developer | Communication, problem solving, organisational, writing, team work, troubleshooting, planning, detail orientated, creativity, research, time management, quality assurance and control, meeting deadlines, analytical, multi-tasking, self starter, decision making | SQL, JavaScript, Java, Microsoft Windows, graphic design, Microsoft C#, Linux, .NET programming, website production, Oracle, Git, Python, Scrum |
| Jack – Business Development Manager (BDM) | Leadership, management, problem solving, team building, communication, organisational, planning, decision making, presentation, building effective relationships, time management, self starter | Project management, business management, building relationships, business analysis, customer service, ITIL, business process |
| Jake – Penetration Tester | Communication, problem solving, organisational, writing, team work, troubleshooting, planning, detail orientated, creativity, research, time management, quality assurance and control, meeting deadlines, analytical, multi-tasking, self starter, decision making | SQL, JavaScript, Java, Microsoft Windows, graphic design, technical support, Microsoft C#, Linux, software engineering, .NET programming, website production, Oracle, Git, Python, Scrum, systems engineering |
| Stephen – Software Developer | Communication, problem solving, organisational, writing, team work, troubleshooting, planning, detail orientated, creativity, research, time management, quality assurance and control, meeting deadlines, analytical, multi-tasking, self starter, decision making | SQL, JavaScript, Java, Microsoft Windows, graphic design, Microsoft C#, Linux, .NET programming, website production, Oracle, Git, Python, Scrum |

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

The majority of our IT-specific skills rank in the top 10 skills demanded from employers.

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

The majority of our general skill sets rank in the top 10 skills demanded from employers.

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

The three highest ranked IT-specific skills which are not in your required skill set are:

1. Circuit board design and assembly
2. Cloud or IaaS
3. App software

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

The three highest ranked general skills which are not in your required skill set are:

1. Hydroponic systems
2. Horticultural knowledge
3. Social networking

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

No, it has not changed. I think that the Burning Glass data reinforces my opinion on what my ideal job should be. Analysing the skills listed in the data, shows that my desired skill set matches those that are of the highest in the rankings.