|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Ash** | **Brad** | **Declan** | **Miller** | **Speedie** |
| **Ideal Job Title** | Service Desk Analyst | Senior Systems Engineer | Technical Analyst | UI/UX Designer | Technical Analyst |
| **Ranking** | 5 | 14 | 0 | 21 | 0 |
| **Job Listings** | 779 | 464 | 0 | 316 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Required IT Skills** | **Ranking** | **Job Listings** | **Group Required General Skills** | **Ranking** | **Job Listings** |
| SQL | 1 | 3,570 | Communication Skills | 1 | 44,367 |
| JavaScript | 2 | 2,946 | Problem-Solving Skills | 2 | 16,445 |
| Java | 3 | 2,860 | Organisational Skills | 3 | 15,844 |
| Microsoft Windows | 4 | 2,699 | Teamwork/Collaboration Skills | 5 | 14,364 |
| Graphic Design | 10 | 2,068 | Troubleshooting Skills | 6 | 11,471 |
| Technical Support | 11 | 1,830 | Planning Skills | 7 | 11,315 |
| Linux | 13 | 1,632 | Detail-Oriented Skills | 8 | 8,298 |
| Customer Service | 14 | 1,411 | Creative Skills | 9 | 7.475 |
| Software Engineering | 15 | 1,372 | Research | 10 | 7,227 |
| Website Production | 17 | 1,366 | Leadership Skills | 11 | 5,144 |
| Microsoft Office | 18 | 1,341 | Meeting Deadlines | 16 | 3,346 |
| Git | 21 | 1,230 | Analytical Skills | 17 | 2,997 |
| Python | 22 | 1,150 |  |  |  |
| System Engineering | 24 | 1,037 |  |  |  |

**Service Desk Analyst Skills:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Required IT Skills** | **Ranking** | **Job Listings** | **Required General Skills** | **Ranking** | **Job Listings** |
| Microsoft Windows | 4 | 2,699 | Analytical Skills | 17 | 2,997 |
| Microsoft Office | 18 | 1,341 | Communication Skills | 1 | 44,367 |
| Technical Support | 11 | 1,830 | Troubleshooting Skills | 6 | 11,471 |
| Customer Service | 14 | 1,411 | Teamwork/Collaboration Skills | 5 | 14,364 |
| Active Directory | 0 | 0 | Problem-Solving Skills | 2 | 16,445 |

**Senior Systems Engineer Skills:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Required IT Skills** | **Ranking** | **Job Listings** | **Required General Skills** | **Ranking** | **Job Listings** |
| Microsoft Windows | 4 | 2,699 | Teamwork/Collaboration Skills | 5 | 14,364 |
| Linux | 13 | 1,632 | Communication Skills | 1 | 44,367 |
| Hypervisor | 0 | 0 | Troubleshooting Skills | 6 | 11,471 |
| Red Hat Enterprise Linux | 0 | 0 | Organisational Skills | 3 | 15,844 |
| Active Directory | 0 | 0 | Leadership Skills | 11 | 5,144 |

**Technical Analyst Skills:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Required IT Skills** | **Ranking** | **Job Listings** | **Required General Skills** | **Ranking** | **Job Listings** |
| SQL | 1 | 3,570 | Analytical Skills | 17 | 2,997 |
| Java | 3 | 2,860 | Detail-Oriented Skills | 8 | 8,298 |
| Software Engineering | 15 | 1,372 | Teamwork/Collaboration Skills | 5 | 14,364 |
| Python | 22 | 1,150 | Communication Skills | 1 | 44,367 |
| System Engineering | 24 | 1,037 | Research | 10 | 7,227 |

**UI/UX Designer Skills:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Required IT Skills** | **Ranking** | **Job Listings** | **Required General Skills** | **Ranking** | **Job Listings** |
| JavaScript | 2 | 2,946 | Creative Skills | 9 | 7.475 |
| Graphic Design | 10 | 2,068 | Detail-Oriented Skills | 8 | 8,298 |
| Website Production | 17 | 1,366 | Meeting Deadlines | 16 | 3,346 |
| Git | 21 | 1,230 | Planning Skills | 7 | 11,315 |
| Python | 22 | 1,150 | Teamwork/Collaboration Skills | 5 | 14,364 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unrequired IT Skills** | **Ranking** | **Job Listings** | **Unrequired General Skills** | **Ranking** | **Job Listings** |
| Project Management | 5 | 2,252 | Writing Skills | 4 | 15,590 |
| SAP | 6 | 2,189 | Time Management | 12 | 5,059 |
| Business Management | 7 | 2,141 | Mentoring | 13 | 4,538 |

Having processed all of the Burning Glass data and applied it to what we know about our ideal jobs, we found that the IT skills we required had quite a large range, however, a majority were in the mid to lower end of the employer demanded skills. When it comes to the general skills section though, the tables are flipped and most of the skills that are required per job are found to often be within the top 10 most sought after general skills for the industry with very few outliers.

The IT skills that we found to be the highest-ranked that were not necessarily needed for our idea positions included “Project Management” in 5th place, “System Applications and Products (SAP)” in 6th place, and “Business Management” in 7th, making up 30% of the top 10 skills. The top-ranked general skills that we found to be outside of our required skill set included “Writing Skills”, “Time Management”, and “Mentoring” at 4th, 12th, and 13th places respectively.

After reviewing and analysing the data presented to us by Burning Glass in regards to our ideal job choices, our minds remained unchanged as the reasons for choosing these jobs had nothing to do with the required IT or general skills, let alone how in demand we would be for the position. We all want to help people in one way or another, whether it be by making a user interface more accessible for the vision impaired, to helping protect Australian’s from the numerous cybercrimes occurring in our forever advancing technological world, the common factor is helping, and that is why we chose these positions. However, by reviewing this data we all were able to find key skills that we should focus on gaining and improving so that when the opportunity for one of these positions arises again, we are prepared and found to be a competitive applicant for the role.