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Report On Industry Data

**What are the Job titles for your group’s ideal jobs? How do each of these rank in terms of demand from employers?**

Caden & Nikki: Software development

Jake: Software engineer

Sam: Computer repair

Mara: Infrastructure Automation Consultant

Debborah: Data analyst/scientist

Caden and Nikki’s choice, along with Jake rank number 1 in Burning Glass top occupation list, 11 in Burning glass top IT job titles, and 15 in top IT skills.

Sam’s choice of computer repair or Computer hardware technician ranks 10 out of 20 in most sort after jobs according to careerkarma.com

Mara’s IT career choice occupation, (the closest I could find) Developmental operations is highly ranked according to career karma, “ DevOps Engineer one of the [highest paying remote jobs](https://biz30.timedoctor.com/high-paying-remote-jobs/) in the market.”( Career karma DevOPs engineering, careerkarma.com, 2020)

Debborah”s occupation choice ranks in the top ten for skills and sort after jobs according to Burning glass SQL is the highest ranked skill and CareerKarma.com ranks Data analyst as sixth on their list.

**From your group’s ideal job, you can identify a set of skills required for these jobs. These can be divided into general skills (communication, problem solving, writing etc) and IT specific skills.**

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

**Software Development** general skills and IT specific skills; (Caden & Nikki)

Oral and written communication skills, team collaboration skills, time management, creativity, attention to detail, multi tasking. Computer coding language such as Javascipt, html, C++, python etc.

Burning glass ranks communication skills as the highest ranked skill followed by writing, team collaboration and multitasking.

**Computer repair, Hardware technician** general skills and Specific Skills; (Sam)

Great working knowledge of available hardware, problem solving skills, circuit board repair and maintenance. Burning glass ranks problem solving as the second highest ranked skill.

**Developmental operations, Infrastructure automaton** consultant general skills and Specific skills; (Mara) A good knowledge set including Infrastructure Automation (like Puppet, Chef, Ansible), Project management skills, communication skills and IT security software. Burning glass ranks communication and problem solving skills as their highest ranked skills.

**Data Analyst/scientist** general skills and specific skills; Time management, Problem solving skills, Communication skills, Writing skills, Knowledge of statistics and data analysis. Programming languages, such as SQL, Oracle and Python. Data visualisation, Dash board and report creation.Communication is burning glass top ranked skill.

**Software engineer**  General and specific skills, Problem solving skills, communication skills, product knowledge, practical experience in software creation/development, excellent knowledge in applications, programming skills and customer service.

**How do the general skills in your required skill set rank?**

The general or soft skills listed in the teams skills sets are all highly ranked, in particular Communication skills and problem solving skills (these are in the top 5 skills in the resources), these skills are not just important to IT industry but to any career choice. ( Learn to code with me, tech skills in demand, 2020)

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

The three highest ranked skills that each team member doesn’t have are: Business management.

Building relationships.

Business analysis.

(Burning Glass Data, 2018))

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

Planning.

Creativity.

Leadership

(Burning Glass Data, 2018)

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

As this was my share of the assignment the team agreed to let me answer this on behalf of them.

After all the sourced data was reviewed the team are still very eager to pursue their chosen job titles, each team individual has been in interested in their respective job choices long before this assignment and now if anything have a better understanding, based on the data used, of what is required both in general and specific skills sets

**References**

Tech skills in demand data retrieved from<https://learntocodewith.me/posts/tech-skills-in-demand/>

Tech job data retreived from<https://careerkarma.com/blog/best-tech-jobs/>

Burning glass data retrieved from RMIT Canvas Assignment 2 specs.