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?**

* Samuel - *Software Engineer* ***#11***
* Stanton - *Full stack Developer* ***#17***
* Jenna - *Junior Dev – Data Management?* **Unsure what this classifies as**
* Cooper – *IT Systems Administrator* ***#8***

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

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

* Samuel: C++
  + *While C++ is not specified, JAVA which is a part of the c-programming languages tree is* ***#3***
* Stan: Java, Node, Python, JavaScript, React
  + *JavaScript* ***#2,*** *Python* ***#22***
* Jenna: Moonwalk, Java, C/C++
  + JAVA **#3**
* Cooper
  + *System Engineering* ***#24****, SQL* ***#1****, Microsoft Windows* ***#4***

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

Whilst not necessarily explicitly stated in the roles we all had (some were), we have agreed in our conversation that the following 10 general skills are absolutely necessary and are present in all the roles we have individually chosen.

* Communication Skills #1
* Problem Solving #2
* Organisation Skills #3
* Teamwork/Collaboration #5
* Troubleshooting #6
* Planning #7
* Detail-Orientated #8
* Creativity #9
* Research #10
* Time Management #12

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

* *Project Management #5*
* *SAP #6*
* *Business Management #7*

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

* Writing #4
* Leadership #11
* Mentoring #13

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

**Stan:**

* Opinion has changed regarding goal to become a ‘full stack developer’
* Based on data provided, it appears as if front end developers are in high demand, therefore this currently, appears to be a good career objective
* Reinforces a clear path for me, to learn HTML, CSS & Javascript, and any extensions to this skillset which will help (e.g. node.js, react etc.)

**Samuel:**

* My opinion has changed in the context of what I chose to represent my ideal job.
* Whilst I chose a C++ developer, I am also very interested in database management and am self-teaching the MySQL language.
* SQL is the number 1 IT skill per the burning glass data which shows me there is a strong chance that either C++ (which we have classed as JAVA - #3 in the list) or SQL will be highly sought skills.

**Cooper:**

* The data has shown me that my skills are aligned with what’s in demand.
* If anything, I should look at learning some JavaScript and becoming more proficient in languages like Java. The demand for SQL, JavaScript and Java were higher than I expected.
* My ideal job however is the 8th top demanded job. It’s surprising to me that graphics designers and front-end developers are in higher demand. This has encouraged me to broaden my skillset.