

Skills & Strength Map of a System Designer

Skills	Skill Level (1-5)	Experience of developing this skill
C# Programming language	4	<i>When I was 15, my dad made me learn a programming language of any kind and I chose C#. I learnt basic concepts of C# programming. To show what I have learnt, my dad tasked me to produce a simple desserts menu program to output the chosen dessert when the assigned value of that dessert has been inputted. Implemented basic C# statements and selection structures such as the if-else statement to provide input, store the inputted value in a variable and run the program to find the if statement with the condition which was true to output the desired dessert using selection construct. The C# program was a success, printing the dessert however initially it took around 3 attempts. As a result, this shows my intermediate level at C#</i>
Knowledge on System Design	2	<i>As a Computer Science undergraduate in my first year of university, I was taught the concepts of System Design. To assess our understanding of it, we were given an assignment to produce a report to design a driverless taxi system. I used several concepts such as taking into account the scope of the system, stakeholder analysis and data modelling. As a result, I was able to complete the assignment however I believe it could've been better.</i>

Problem Solving	3	<i>In the beginning of my time in university, I started producing a budgeting plan using Excel, however I found it difficult to use Excel and its features. Through learning about Excel, I attempted to spend time on YouTube where I started to produce a simple calculator on Excel. It failed however I applied problem solving in order to find a way to complete the sub-task. From practicing Excel's features, I successfully produced the budget on Excel which demonstrated my problem-solving skill in action when producing a piece of work.</i>
Teamwork	3	<i>During my work experience with Cisco Pathways, I was tasked with other students to plan a mock product that could benefit the world for a mock Dragon's Den. I was able to successfully communicate and become organised with them to make a PowerPoint on this 'imaginary yet realistic' product. At the end, we presented this presentation to the mock Dragons Den and our product was chosen which we won goodies such as chargers. This experience really improved my teamwork skill along with other skill and strengths such as confidence, attention to detail and research.</i>
Attention to Detail	3	<i>During my time in sixth form, I did A-Level Mathematics which generally involved lots of calculations and equations. There was a specific equation on trigonometric equations which I had to complete. I paid attention to every single step completed in detail to avoid crucial mistakes. At</i>

		<i>the end I managed to attain a perfect score out of 50 by paying attention to detail with all my calculations, resulting in success. This moment highlighted this skill within my life.</i>
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Strengths	Strength Level (1-5)	Experience of developing this strength
Positive attitude	4	<i>Many people would label this my greatest strength while others would view it as an unrealistic strength however it has always come in handy through tough times such as working through exam periods such as A-Levels and GCSEs, and personal times which required lots of resilience and an optimistic attitude towards dark situations. Generally, having a positive attitude has brought me successes and more perseverant against negativity.</i>
Self-Motivated	3	<i>This strength comes and goes but during my time as a volunteer with the RSPB made my self-motivation quite high. Motivated myself to do work and commit to work which I believed I was truly responsible for. It is not my best strength, but it continues to fluctuate as I continue working.</i>
Creative	2	<i>This is one of my bad strengths however I have applied this strength to many experiences, which I have found results from such as work in school where I had to think outside</i>

		<i>of the box and contribute unique ideas to produce something theoretically or practical innovative. I wish to be more creative as I open my mind and understand more different perspectives in life.</i>
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