

Opportunities for budding engineers

Introduction- Mr. Abhmanyu is from iiit Hyderabad in bachelor's degree in computer science and is the co-founder of interview bit and scalar academy

Q. After the lockdown period ends recruitments are going to be affected to a vast extent – should we pursue career or further studies

He relates the recession which will happen in the future due to this pandemic with the economic depression of 2008. The dynamics before such time and after such time, uncertainties and excitements in the people

- post every recession the demands of skillful and efficient people to do the pending work always increases. Suddenly a lot of companies will start to hire, what really matters is whether you are front on the line, how good your skills are, how capable are you. Once this gets over you all will be exposed to a lot of great opportunities.

- “during the cyclone when the fisherman is not able to catch the fish, they repair their net, and the best catch is done after the cyclone.” Make sure that you are improving your skills and knowledge

- companies need engineers who are good in data structures and algorithms and are hardworking and sharp

Q. given this current scenario what is the best thing for a person who is average, what is the one technical skill that will help him out the most

The company will prefer the people who don't need a 3 months or 6 months training, who can be productive from day 1 with minimal assistance from the seniors, for that you have to be good at building softwares, for that you have to start building some really good projects. Utilize this time for two things-

- build projects, those projects for which you are passionate about, not just for you have to add to your resume, something you would love to build, your own idea

- you have to have in depth knowledge of everything you are using in the project, not just have the superficial knowledge otherwise your project will not fast and efficient

Some more points

- data structures and algorithms are the building blocks of your programming, still they are not enough.

- in the coming times maximum companies will hire people who are efficient as a developer on day 1 and the jobs which require simple knowledge of ds and algo and os and networking will reduce a lot.

Q. students who don't have technical backgrounds but are equally interested

It doesn't matter if you fulfill the required skillset

Q. does cgpa matters

It only matters for a company only when you just graduate, after 1-2 years of experience, nobody is gonna ask you your cgpa, it matters for the only reason that indicates how serious you were for the things you chose for yourself. The cgpa indicates how much do you believe in the system. Never let your cgpa down just because you're lazy. If there's a good reason behind it and some good results compensating for it, then it doesn't matter.

Q. opportunities for budding engineers

There are some businesses which are booming, like learn from home, grocery deliveries, implying the good quality job opportunities for skilled engineers will not disappear

However the highest quality jobs might be coming more in the startups rather than bigger firms.

Reasons-

- they might be more stable if they are booming, they might be more stable than larger companies

- the learnings you will gain in working in startups in 1-2 years, that will make you much more capable to take advantage of the boom

Q. how to find the internships in these times when everyone is working from home

You have to be more efficient with the development, build more projects, because now the companies want that you actually contribute to some important projects while being an intern

Some tips reaching for opportunities and jobs on linkedIn –

- Knock many doors

- Talk about what value can you bring to their company

- Be respectful and polite asking on linkedIn

- Ask not demand, they don't owe you anything, don't be rude

- Have gratitude and be thankful genuinely even if they do a small help, if you genuinely be grateful to them, that increases the chances of helping you in future a lot more times

If you owned this place, what would you have done to fix it, and do that, instead of complaining, ask yourself how can you improve the things

Q. thoughts about the new technologies iot, ml, blockchain

There is nothing bad in learning new things, but first master the basics, then go on learning one of these things, because to be good at these you must be clear the fundamentals underlying these technologies don't just pick the libraries and implement it, anyone can do that, you need to understand where can you customize these pre written codes, you have to develop it over years, not a thing that can be learned in 2-3 months course

Q. advice for the students in 1st or 2nd years who are looking for internships

Learn programming really well. Some do's and don'ts

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| Do's | - go in depth of the language you are learning |
| ideas, error and learn | -start building something, start solving problems, work on your crazy |
| Don'ts | - don't just run for getting certificates, try to gain as much knowledge as |
| you can | |
| | -don't copy the codes of others just to rank higher |

Q. some tips for students who are looking forward to be entrepreneurs

Take the ownership. As an engineer the only thing in your domain is how much skills you have and how much difference can you make. Do you have the ownership, do you say that how can I make that better.

Do you take the responsibilities of your adversity rather than blaming the factors out of your control? Everyone can be a leader, even fresher or an intern just remember to keep changing things which you can.

Q. how to find the motivation to do something productive in this lockdown period

- 1- Make daily atomic goals, keep the goals simple and keep rewarding yourself for completing that goals with the things you enjoy or crave
- 2- After getting up in the morning, make your bed- this is a very subtle subconscious things that will signal your brain that you have control over the things which surrounds you
- 3- Write down three things which you are happy about immediately after waking up in the morning

Q. something to add

No matter where you are right now, you will eventually reach where you deserve to be, just remember to climb up the exponential curve of learning

"Smartness, intelligence and IQ is all overrated, it doesn't matter, what your matters is your hardwork in the right direction. "

