Hi there, I am Busra and freshly graduated from Data Science Master Program in '24.

Let's rewind the clock a bit…

About a decade back, upon graduating from Telecommunication Engineering Bachelor Program at Istanbul Technical University, I was focused on Networking like many of my peers from the department. After a few years of experience, and there I was, deciding that I was better suited to a field where I could add something of myself and feed my creativity. That's how I started to build my researcher hat at TUBITAK. As an algorithm designer, I have built radar algorithms in different projects, but mainly on Passive Broadcast Detection System developed for Turkish Air Force. I was also responsible for the coordination of the algorithm team. I played a second role in the integration part of the project which was basically in the last phase. It is the stage carried out to reveal the final product by bringing together all software and hardware components in a way they work harmoniously.

So, once we wrapped up that project, it felt like a major milestone in my career. That's when I decided it was time to gear up for the global industry. Next destination: SIEMENS, where I started to work as a Software Development Engineer. In this position, I have developed new versions of Simatic S7 1500 PLC Software Controller. Being part of a scrum-managed team really opened my eyes to the importance of time management and efficient working.

After gaining that industrial experience, I felt ready to explore opportunities abroad, so moved to the Netherlands in 2022. In Qorvo, I started to work as a Product Engineer. It was a role consisting of a wide range of responsibilities. Under the specific products ownership, which were SoC devices for me, I was maintaining the manufacturing process by making statistical analysis on the testing data to ensure the quality of each individual chip. Besides this daily routine, I was always in collaboration with many other teams such as Test Engineers, Application Engineers, Design Engineers, Project Managers and sometimes even Marketing and Sales Teams. As a Product Engineer, you are usually the first person to be reached out whenever there is an issue on the table regarding your products. It could be anything from handling a customer return, checking a new product prototype, monitoring manufacturing performance, updating test flows, addressing specific demands, or dealing with any other challenge that comes your way. It was quite fulfilling to have such an intense mission, even though there was a tradeoff between stress and satisfaction.

These days, I am all about diving deep into Data Science and improving myself in cloud tech, getting ready for my next adventure.

As it's crystal clear on my story, it is always possible to have a few or more degrees rotation in career path time to time and it does not echo as an instability in the tech universe. Instead, it's always good to have different perspectives and improve flexibility. This offers benefits in both problem-solving skills, which are the basis of engineering, and in the ability to adapt to the lightning-fast change of the tech world, recalling Moore's law.

I would like to encourage young people in tech who desire to explore diverse roles and fields. This does not necessarily have to happen, it's perfectly fine to specialize in a subject you are happy with and feel belong. But otherwise, just take the step and see where the tech winds will take you next. There's always room for a little humor and a lot of fun along the way!

Good luck to everyone, enjoy the ride. 😊

Feel free to reach out anytime:

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