

# Interview sample questions

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Would you like to introduce yourself?

My name is Rafi Md Ashifujman, a graduate of the Department of Informatics at Shizuoka University. I am 26 years old and from Bangladesh. My hobbies are reading novels and watching anime. I came to Japan in October 2023. My dream is to work for a renowned company in Japan.

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What are your reasons for applying?

I like Hitachi Astemo's commitment to providing world-leading advanced mobility solutions.. Their work in autonomous driving, electric vehicles, and safety systems closely aligns with my research on autonomous vehicles. I am excited about the chance to contribute to their innovative technologies and learn from such a globally respected company.

\* A companyでやりたいか

What do you want to do in A company?

In my bachelor's degree in Computer Science and Engineering, I worked on developing a network system using STM32-based control systems, which gave me practical experience in embedded systems. Now, in my master's research, I am focusing on improving autonomous driving by incorporating human-like reasoning to handle unknown and unsafe situations using LLM. These experiences have helped me build skills in AI, embedded systems, and decision-making models, which I believe contribute to Hitachi Astemo's work in autonomous driving, safety, and advanced mobility solutions.

\* A companyであなたのはか

What skills can you bring to A company?

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What is your research theme at university?

This research seeks to integrate LLMs into autonomous driving systems (ADS) as key decision-making agents within a multi-agent framework and to enhance V2V communication for better coordination. The focus is on dealing with unknown unsafe scenarios, as traditional ADS struggled due to limited adaptability and lack of pre-programmed responses. An example is when a child unexpectedly runs out onto a busy road. This situation is an example of an unknown unsafe situation because it occurs without warning. Human drivers rely on common sense. The proposed system utilises LLM to replicate human-like reasoning and adaptability in such critical situations. The proposed multi-agent framework further ensures effective communication and cooperation. This research could contribute to the safer and more reliable implementation of automated vehicle driving.

\* なぜでか、なぜでか、どのくらいつもりか

Why do you want to work in Japan, why do you want to work in Hamamatsu, and how long do you plan to work there?

As Japan is the most advanced country in technology, it has many big global companies that are not in my country, Bangladesh. My dream is to work in a big global company like yours. Another reason, I feel more safe in japan. Japan's environment has very less pollution, it is much healthier to live and living standards are way better than Bangladesh. That is why I like to live and work in Japan.

Hamamatsu is a city of natural beauty. It is very convenient, and the weather is also very comforting. There is always wind, there is sea and also we can see mountains and Mt. Fuji. Besides, I have been living in Hamamatsu for a year, so, there is a soft corner in my mind for Hamamatsu.

I hope to work here for as long as possible. If I get this job, my wife will join me, and if everything goes well, I would love to spend my entire life in this wonderful place.

#### \* なぜへ、なぜ大へ

Why did you come to Japan and Shizuoka Univ?

As a Bangladeshi and an anime lover, I have always been fascinated by Japan. In Bangladesh, Japan's contributions to our development through JICA are immense—ranging from roads, metro trains to motorbikes. I love Japanese anime culture, but I am especially inspired by its advanced technology and research. Which made me want to come to Japan and be part of this progress.

Shizuoka University is a well-known university in Japan and is part of the National University Corporation. Some of my seniors studied here and told me about the high-quality research done in its laboratories. There are limited research opportunities in Bangladesh, so I was motivated to pursue higher studies here. I completed my bachelor's degree in August 2023, and around that time, I received an acceptance from Shizuoka University with a great research opportunity in my desired field. It was the quickest and most practical choice to begin my journey in Japan.

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What is your part-time job experience in Japan?

I started working at McDonald's Shin Hamamatsu Eki May one for the first six months after arriving in Japan. After that, I joined a restaurant called Mein Schloss, where I am still working.

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What did you focus on most in your home university?

I mainly focused on learning programming and did competitive programming. During my bachelor's, I studied AI, Machine Learning, and Deep Learning, which are very important fields today. For my undergraduate project, I worked on building a network system using STM32-based control systems. This project also helped me gain practical experience with embedded systems and hardware integration.

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Strengths and Weaknesses. You should also think about how you can recover from your weaknesses. My strength is adaptability. When I was a fourth-year university student, I was planning a project for a dynamic traffic control system using AI, and my supervisor suggested that we build a network system using STM32 microcontrollers. This was a new system that we had never experienced before. The members cooperated with each other, tried again and again even if they failed, and completed the system under the appropriate guidance of the supervisor. I try to keep trying again and again without giving up, properly incorporate the opinions of those around me, and value communication with my members.

This allows me to adapt to things that I think are impossible at first and achieve results.

I am not good at speaking in front of people I don't know. In the mid-term presentation, I made my presentation only looking at people I know, not at people I don't know. I build trust by meeting my superiors and colleagues in person, and also try to create opportunities to talk to people I don't know by attending events such as job fairs.

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Dream and vision for the future.

My vision is to make a meaningful impact by developing innovative solutions that benefit society. My dream is to work for a big global company in Japan.

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Questions to ask.