

城市

1. Tell us about your **hometown**?

My hometown is a beautiful coastal city——dalian, lies in the south of the liaoning province.

Dalian is rich in tourism resources. For example, Golden Pebble Beach with a beautiful sea view, is attracting millions of visitors from home and abroad every year. You can enjoy the beautiful scenery and delicious seafood at the same time on the golden beach. Many international conferences and activities are hosted in Dalian, including World Economic Forum, International Marathon, Beer Festival and so on.

If you get a chance to come here, it's my pleasure to be your guide.

2. the impression of **Beijing**? scenic spots?

Beijing is the biggest and the most famous city in China, I like this city not only for its beautiful scenery and cultural inheritance, for example the Forbidden City, the Great Wall and the Summer Palace. but also for academic atmosphere and opportunities here, It can offer me a great platform. I want to be a better self here in 3 years.

3. Where have you been traveling to? Which place interested you most? (接问题 2)

I have been to Beijing, Guangzhou ,Shanghai etc. The Great Wall in Beijing interested me most. It was built during the Spring and Autumn Period with the history of 2000 years. It runs across North China like a huge dragon. It winds its way from west to east, across deserts, over mountains, through valleys till at last it reaches to the sea. It is the longest wall on the earth, also one of the wonders of the world.

4. The pressure and opportunities of living in mega city like Beijing?

Let's start looking at the advantages. One of the main positives of a big town is the large amount of job opportunities available in big city. In addition, there are many institutes and universities in Beijing which create a strong academic atmosphere for students.

Turning to the other side of the argument, traffic could be one of the major disadvantages of living in a big city. Many people take the car everyday. This means that you have to deal with rush-hour traffic on your way to work and on your way back. In addition, in a big town there is consequently a lot of smog and this can really affect people's health. And, the cost of living is really high.

5. The differences between Beijing and Dalian?

Firstly, Beijing has a large amount of job opportunities available. In addition, there are many institutes and universities in Beijing which create a strong academic atmosphere for students. However, in Dalian, there are not so many job opportunities and universities.

Besides, compared with my hometown, the population of Beijing is much larger. Take the traffic as an example, the time people in Beijing spend in dealing with rush-hour traffic on way to work and on way back is much longer than the average level. And, the traffic in Dalian is crowded but not so crowded.

个人信息

6. Tell us about your **family** members?

I live in a small nuclear family with three people—my father, mother and I. My father and mother are my role models. They are always understanding and patient with me. They give me good advice about my education and career choices. My parents are honest and kind, they always tell me to stand on the solid ground, and always do the solid work. So, that is also a principle of my life.

7. Who is the biggest influence in your family?

My father influenced me most. He gave me a lot of love, taught me many things, encouraged me to study hard, and told me the truth that knowledge can change the life. So I am very grateful to my father.

8. Describe a speech (a success, something happy, or something impressed you)

I am going to talk about a successful presentation I gave on famous British writers and their works in an English class.

I went through many materials and selected the information I wanted to include and made a delicate PPT to show my ideas. In that day in class, I felt comfortable and confident, spoke loudly and clearly, also smiled and made eye contact with my audience.

That was the first time I gave a performance to so many people and I felt a sense of accomplishment.

[William Somerset Maugham: Human Bondage (1915), The Moon and Sixpence (1919), Trembling of a Leaf (1921)]

9. Planning for the next three years

In the first year of postgraduate life, I will obey tutor's arrangements and assist my tutor to do some detailed works in the program. In class, I will try my best to learn the knowledge of major courses to lay a good foundation for further academic study. In my spare time, I will read more Academic Literatures and take notes.

In the second year, I will make full use of time to begin my thesis writing and meanwhile confirm the research field with the guidance of my tutor.

In the beginning of the third year, half year will be spent to write the graduation paper and my basic principle is the earlier, the better. And, I would like to continue to study for doctorate if I can.

Plan was just what I imagined according to my current cognition [kəg'nɪʃ(ə)n], maybe not reasonable and practical, but I will prove it with action.

10. What do you expect to achieve during your study if you are enrolled into this institute?

First, I hope to gain more knowledge and have a systemic understanding of the field of traffic engineering. Furthermore, I want to practice the ability of critical thinking and make some contributions in my professional field.

11. Planning after graduation (读完研后的规划? 想继续深造还是工作? 原因?)

I would like to continue to study for doctorate if I can.

It comes from my personal motivation. I want to be a scholar in traffic field and an excellent

college teacher in the future. Through pursuing a doctor's degree I can better prepare to realize my dream: I can treat problems from a higher standpoint, can get deeper knowledge of my fields, also can learn the latest front research of my research, which are urgently needed in my future research. But most important of all, I enjoy the satisfaction and happiness through the process of learning.

12. Which country do you want to go to study? (以后想去哪个国家学习?)

I want to go to The United States or Japan.

Because USA has a large territory and Japan has a high density of population. China also has both of these two traffic characteristics. Therefore, China can learn lessons from these two countries in transportation. So, if I have a chance to study abroad, I will pay contribution to China's traffic business with the technologies and knowledge I master.

13. Advantages and disadvantages/ strengths and weakness/ merits and demerits?

When it comes to my strengths, I would like to describe it with three keywords: patience, diligence ['dɪlɪdʒ(ə)ns], and endurance. Firstly, I am a patient man, because I know good things take time, especially in academic paper or research work. Secondly, Diligence is my constant belief, I make full use of time in study, because I believe I am not born to be intelligent, at least I must make sure I am diligent. Finally, I also have a remarkable endurance. I can spend a long time in reading and researching. Without a strong endurance, a student can not bear the boredom ['bɔ:(r)dəm], therefore will not go further in the academic world.

In terms of my weakness, I am not good at relieving my pressure, which derives from my high requirements about myself. I'm trying to make a better balance between study and rest and I believe the future will witness my progress to overcome my weakness.

兴趣爱好

14. Hobbies (举例, 可任意组合)

I am fond of reading mainly because books can not only cultivate my critical thinking, but also teach me how to be a good person in the society. For example, there is a classic statement in one of my favorite books 《Gone with the wind》——tomorrow is another day. This sentence always inspires me when I am in the face of adversity.

Besides, I also like swimming, because it helps me keep fit and improves my strength and balance. It's also a good way to relax and reduce stress. And I've made many friends at our local swimming center.

15. Film

I am going to introduce a film: Lion King. I first watched it when I was a young child.

This animated film is about a lion prince named Simba, whose uncle kills Simba's father. But, Simba is responsible for the death of his father. So he runs away out of guilt.

Many years later, Simba is told the kingdom is in serious trouble, so he returns. With the help of his friends, he saves the kingdom.

I like this film, because it teaches me valuable life lessons. For example, it teaches me that running away doesn't solve any problems. It also teaches me the power of courage and friendship.

16. Music

I am going to talk about a song I like, called Picture Postcards from LA.

The lyrics of this song are all about the singer himself and a waitress named Rachael. Rachael always dreams of becoming a superstar in Hollywood. And she always tells the singer about her dream. The singer always like, "Sure, so send me picture postcards from LA."

I like this song because it's about ordinary people and their simple life. Both of them know this dream probably will never come true, but they're still happy and hopeful about the future. so it's a moving story.

17. Reading(What is the most impressive book you have read and why?)

I am fond of reading mainly because books can not only cultivate my critical thinking, but also teach me how to be a good person in the society. For example, there is a classic statement in one of my favorite books 《Gone with the wind》——tomorrow is another day. This sentence always inspire me when I am in the face of adversity.

18. Sports

I like sports

Swimming is fun and enjoyable. I go swimming when I have free time. It helps me keep fit and improves my strength and balance. It's also a good way to relax and reduce stress. And I've made many friends at our local swimming center.

I also like team sports, such as football, basketball and volleyball, which can develop my teamwork skills and communication skills.

19. Coding

In the past months , I have been spending two hours a day to learn programming languages, including python and R language. I use them to process excel datatum and draw pictures. The students who major in traffic engineering should realize the significance of programming. I believe coding skills will be greatly helpful in academic study.

20. Attitude towards English (Do you think English is important for your future plans?→helpful for studying abroad, 接出国想去的国家)

I like learning English. Understanding English helps me better understand English-speaking cultures and helps us become more open-minded. Besides, Watching English movies is a good way to expand my vocabulary and improve my listening comprehension. Now, I can understand English moives without reading the Chinese subtitles.

考研选择

21. what do you think of **your university**?

I am proud of my university. It is not in the leading position in academic field, but it has taught me how to be an academic person. That is always stand on the solid ground,and always do the solid research work. I appreciate the education my university give me.

22. What is your major? How do you like your **major**?

My major is traffic engineering. I like my major very much, and that's why I go on with my study in the same field. I think traffic engineering is a major which is still developing and never eliminated by the society. Because it is closely related to people's lives and creates great convenience for people, so, it's my honor to study in traffic engineering major.

23. why did you choose **our university**? (为什么报考北工大?为什么报考交通专业? 心目中交通最好的而学校?→Every university has its own advantages.But, in my opinion, BJUT is the best 学校原因)

Beijing University of Technology is a really prestigious institute with good reputation, rigorous [ˈrɪɡərəs] academic atmosphere and so many kwnledged professors. When I decided to take part in the national entrance examination for postgraduates, I told myself that I would be here.

So I have a strong faith and desire to continue my postgraduate study in this campus, acquire further knowledge and to be a better self not only academically, but also comprehensively. I believe the most important thing in the world, is the direction we are moving in. For me now, the direction is Beijing University of Technology.

补充(如果问为什么报这个专业): I have been studying for traffic engineering for four years, and I am really passionate with this major.

24. Why do you want to be a postgraduate ? (为什么要读研? 自身原因)

The first reason is that I have a strong passion to further explore the major knowledge. The undergraduate study is mainly about the basic knowledge and general theories. If we do not go further and deeper, the basic knowledge will be left behind after graduation rather than become the solid major foundation.

The second reason is I want to compensate the time I lost in the past. In the initial stage of college, I didn't spare no effort in major study. So when I decided to devote all my time and energy to prepare for the national entrance examination for postgraduates, I told myself I want to become a postgraduate.

To be a postgraduate student really means a lot to me, which is the result of long-term effort of day and night. If I fail finally, I will never regret, because regret could not grow in a devoted heart.(如果没有录取你, 你会怎么办? I will rectify my weakness and try again.)

25. What would you do if you lost the chance to be a postgraduate student?

I will choose to restart my journey to national entrance examination for postgraduates. Because to be a postgraduate student of Beijing University of technology is my long-term dream, and difficulty and failure could not take my courage away. Through the preparation of last two years, I have understood my deficient parts and grasped the key to improvement. I can accept failure, everyone fails at something. But I can't accept not trying.

专业问题:

26. sharing bike

Sharing bike is a new form of the development of sharing economy in the field of transportation. As a green and healthy way of travel, its development optimizes people's original travel modes, reduces urban road congestion, and effectively solves the "last 1 km" problem of

the city.

However, sharing bike also brings many traffic problems, including: parking problem, safety problem, and the uneven distribution of bikes due to travel characteristics of travelers.

In view of the above problems, solutions are put forwards: Firstly, set up virtual parking areas to guide users to park; In addition, establish credit points system; Finally, mobilize the strength of community volunteers to protect and manage sharing bike and establish laws and regulations as soon as possible.

27. Autonomous car (what do you think have been the most important change in your study field over the past 5 years?)

Over the past 5 years, the autonomous car was very hot and has been an important change in traffic field.

An autonomous [ɔ:'tɒnəməs] car is a vehicle capable of sensing its environment and operating without human involvement.

Autonomous cars create and maintain a map of their surroundings based on a variety of sensors situated in different parts of the vehicle. The sensors acquire various information. Sophisticated software then processes all this sensory input, plots a path, and sends instructions to the car's actuators, which control acceleration, braking, and steering.

The autonomous car can achieve a lot: Reduce traffic congestion, Cut transportation costs, Free up parking lots for other uses, Reduce urban CO2 emissions and so on.

Autonomous cars are undergoing testing in several pockets of the world, I believe they will be available to the general public sooner or later.

28. Talk about the traffic in your city?

The traffic in Dalian is crowded.

The root cause of congestion in Dalian is: the current urban traffic supply of Dalian can not meet the rapid increase of urban traffic demand.

There are other important reasons like: unreasonable road planning. Take the Dalian Zhongshan square roundabout as an example. there are ten approaches in Zhongshan Square around the center island, which are allowed to pass in different directions. Besides it, the directions of vehicles are also different, which causes vehicles to merge and overtake each other. Once a traffic jam occurs at one intersection, the whole roundabout will be in a paralyzed state.

The government is improving conditions, and many solutions are put forward, including: improve the quality of public transport service and urban road planning. Introduce high-tech methods.

29. Introduce a major course you like?

I like traffic planning most.

traffic planning is an important major course in traffic engineering, including OD survey, four-step planning process, transCAD software and so on.

By studying the basic knowledge and general theories, I have better understood the process and tasks of traffic planning, and also improved my practical abilities.

However, the knowledge I acquired in postgraduate course is not enough to support me to go further in academic world. So, it will be my pleasure if I can have your professors' instructions.

30. Could you say something about your experience of **scientific research**?

Under the guidance of a teacher, I did a research on modeling and analysis of online car hailing and traditional traffic modes in my sophomore year with my classmates. //In the process of research, everyone spared no effort to complete task, my task is literature review and data analysis. In order to complete the research, I looked through many books and articles related and asked the teacher for help.// **By participating in this project, I have greatly improved my ability to discover, analyze and solve problems. I believe this experience will be helpful in the future academic research.** →在科研中你学到了什么?

31. What **professional books** have you read before? What is the main idea of this text? (接 27, 可能问你在研究中看了什么书)

I read a book called: A Self Instructing Course in Mode Choice Modeling written by Koppelman on the recommendation of my undergraduate teacher. //In the book, the author elaborated the basic knowledge of Multinomial [ˌmʌltɪˈnəmiəl] and Nested Logit Models and how to specify a model step by step, so, this book is very nice to someone who is green in mode choice modeling. //Thanks to this book, I have made great progress and become more interested in academic research of traffic field.

32. What is the biggest difficulty you encounter in conducting research? (接 27)

I think the biggest difficulty is that in the process of the research, there are often appear some problems which I can't understand. At this time, I usually find out the reasons by consulting a lot of documents and asking my tutor.

33. What do you know about the directions of research in traffic field?

The main directions are: traffic planning and management, traffic control, traffic safety, road engineering, and intelligent transportation.

However, each direction does not exist independently. For example, using IC card data to evaluate the relative reliability of public transport is using big data technology to solve the problem of public transport planning. Therefore, the research directions of transportation are often intersecting, and scholars in the field of transportation usually cross several directions.

观点类问题 (反应学习能力):

34. Do you like having a busy life? (一般疑问句的话, 先进行肯定或否定回答) Why or why not?

Yes, I like a busy life. I prefer to be busy since I am young and energetic.

To be a young man, it is more effective to do something meaningful rather than staying at dormitory or lazing around. If I spend too much time at leisure or neglect my study, life will become monotonous and boring, while making full use of time, I am sure, will bring me a fruitful reward.

35. Have you experienced stress at study? How do you handle it?

Definitely I have experienced stress at study in certain situations. For instance, when I am asked to challenge a difficult task, I will be very anxious and stressful.

In order to handle the situation, I make a feasible plan for completing the task and try to do a little bit everyday to make the overall work load feel smaller.

36. How can you help yourself concentrate when you're studying for along time ? Why ?

Firstly, I believe that taking regular breaks during study is essential for boosting concentration. Additionally, a short nap will allow my mind to feel refreshed and sharpened in order to pay attention to my studies.