My name is Alyssa. I just finished my first year as a computer science graduate student in CSU East Bay. I have learned many skills at school. Different instructor required us use different language or tools to do our assignment. Therefore, I have learned a lot. My C++ skill is the best among those skills. I love to **design program to solve different problems by using C++**. I also used python a little bit. One of the best projects I am proud of is the fruit quality protection by using deep learning techniques. When I open the app on my android phone and face the camera to some fruit, then it will detect that the fruit is good or bad. I also did some AI project which used A\* search technique to solve the "Do not cross the line" game automatically by machine, which play the game much faster than human. I also had an internship in a startup company last summer. I assisted in implementing a user interface for Unity 3D and UI related project. It is an android app to color the hair, the Unity has UI component. I design user interface of the app it can design buttons, menus, textbox.

I also participated in developing a team project on the segmentation and coloring on human hair using OpenCV (if people ask you how, you say there are libraries to do segmentation. If you don’t know what segmentation is, you can google.)

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Interview questions:

<https://www.thebalancecareers.com/job-interview-questions-and-answers-2061204>

strength: I like to learn new things, design and solve problem

weakness: I will study too long while I was focusing on solve my problems. Sometimes I studied too late or sit there too. those are not good for my health.

https://www.thebalancecareers.com/job-interview-questions-and-answers-2061204

Interview questions:

1. Tell me about yourself
2. Strength

How will your greatest strength help you perform?

1. Weakness
2. Salary range
3. Sponsorship
4. Something that is not on resume
5. How do you handle failure?
6. How do you handle success?
7. How do you handle stress and pressure?
8. How do you handle success?
9. How are you different from the competition
10. What motivates you?
11. Are you a self motivator?
12. What do  you find are the most difficult decisions to make?
13. What has been the greatest disappointment in your life?
14. What are your passionate about
15. What are your hobbies?
16. What is your dream job?
17. What have been your achievements to date?/
18. What is the most difficult situation you have had to face and how did you tackle it?

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Problem solving skills:

Project with my classmate, for computer vision. Teacher let us use tools to do our project, such as OpenCV and TensorFlow, when we were doing the project, she was so frustrated, because there are so many new things we need to learn. She just did not want to keep working on the project. I was frustrated, too, but I need to solve the situation and finish our project. I took her to Starbucks and brought a cup of coffee for her. We did not talk anything about the project, just talked about what kind of something she is good at. I was trying to make her relax and happy. After that, I just give she a little easy assignment and told her how to start the work. We just slowly understand the tools and got our project done perfectly. She was really enjoy working together with me and the success of our work.

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Good thing about myself:

I like to learn new things, design and solve problems.

I am a really nice person and always have good relationships with others.

I have fundamental skills in computer science. I also can catch up with new materials quickly.

I always review my failure and see why I failed. I will figure out the reasons and trying to avoid the mistake next time.

I am a hard worker, I would like to spend extra time to see if I can further improve my design to make it better.

I am good at planning or organizing things

I will cherish the opportunity for the job.

I know recruiting is quite a stressful time and I really hope it is going well as you’d hope.

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Questions after the interview:

1. What type of positions is opening related to software
2. Could you please describe the responsibilities of the position?
3. What are the biggest challenges of this job?
4. What is the company’s management style?
5. How many people work in this office/department?
6. When can I expect to hear from you?

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NOTE:

purpose: 1. you need to show professional stuffs. 2. you need to show people you are not only a skilled worker, but you are advanced, you want to design and solve problems. You are not a worker who just do what people tell you. 3. you want to show that you learn quickly although you don't have too much experience. 4. if people challenge you about the past or gap which you put in resume by accident, you can say that doesn't matter. right now, I am a good student and ready to work.

Confident

Excited

Do you mean…

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Is my understanding correct?

I am sorry, I am not familiar with that topic, but I will research it and email you bac my feedback, is that ok?

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Courses:

CSU, East Bay

Artificial intelligent: NetLogo

Gecode

SIRI, self-driving, AI as robots with human-like characteristics. **The AI is programmed to do something devastating:**

It could imitate human and help human to solve problem, optimal result. Make our life easier

Smart

**Enhances Our Lifestyle**

Computer vision

Operating systems design

Database

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Computer networks

Website system

De Anza

Unix/linux

C++

Java

Data abstract and structures

Intro to SQl

Web page development

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