Homework

1. Tell me something about you

Firstly, I am a second-year student at the Polytechnic University of Bucharest and I think you already know how hard this university is since students like myself have a lot of work to do such as homework the size of an entire project and different/various kinds of projects which require hard-working and time schedule to sort everything out and with such difficulty it is unbelievable, even for me to say, that I can manage all of this. I do have an ambition to finish all my homework before the deadline and most of time I managed to do so.

Secondly, when there is the time for team-based projects I mostly make a team with those who know and can cooperate well, but when I make a team with people I don’t know well, I try to communicate a lot with them to see their ideas for the project. I consider that every part of a project must be discussed with the team since one person can have an idea which can improve the quality of the project significantly. I listen carefully to the person speaking when they have something to say. In addition, when my teams got stuck taking decisions I give the pros and cons and ask my teammates regarding their opinion and try to get something for them, but if they don’t know what to do I take the lead and try to solve the problem as if it was my problem.

Thirdly, when someone asks for my help, I am willing to help them with what I can and explain the logic of the problem, just so they can make a connection with their issue or give them a different approach. I managed to achieve such communicative skills because of the Pedagogic course I got into for over a year and it proved worth attending so far. I improved my communicative skills so much that I managed to help a friend when he had a segmentation fault in a program. As I found the problem, I started explaining what the issue was step by step and to my surprise my friend understood what I explained to him.

Furthermore, when I got some time I mostly go and play some basketball to either practice new moves and still work on that slam dunk that I strongly want to do or play some games when my friends are out and willing to do so. I am notprofessional in basketball, but it is very relaxing when you have someone to discuss and play.

1. Tell me a time when you proved to be ambitious

Since you know I am a student I want to talk about the fact that I passed all my exams with very good grades, however last summer, I had to take two exams again because I failed them in the winter session. One exam was fairly easy and the subject wasn’t that bad, but I failed it because I couldn’t accommodate at that time with the way university schedule works. But the other exam was a different discussion. At this specific exam I had a teacher who seemed to find pleasure mocking students and also teaching in a way no one could understand. In the winter session I failed the exam and when I saw the grade, I felt devastated because I needed to have 0,02 more points to pass the exam. even though Our teacher saw me and other students almost crying he still mocked us. His attitude determined me to make a pretty big deal out of this exam and I wanted to show this teacher what I can do.

After the summer session I managed to keep good contact with a teacher who happened to teach the same subject as the teacher in cause so I managed to contact her and asked nicely if she could bring me some materials and courses for me to be able to take my exam and she agreed. The materials she brought to me were very good, but solving them would take a lot like 2 months or more, but I refused to give up so I made myself a schedule which I considered as my number one priority.I left everything that I wanted to do apart just to take all courses and solve all exercises from the materials because I had to prove something.

On the exam day I was ready to take the exam and I got it with the highest grade. My teacher saw my exam/test and immediately asked for me. When I stood up the teacher was looking at me with a surprised face and I looked him in the eyes with a smile. I was satisfied with my performance and also satisfied with the look on his face!

3) What will you work for?

I have had a passion for the computer itself since childhood. It all started when I got my first computer in a contest in which the winner was selected randomly. I was surprised that I was the chosen winner and received the computer at Christmas. I was fascinated by the applicability of this machine at first and then by the games I could play on this machine.

My passion wasdeeplyin Middle School when my class master wanted us to attend the Hour of Code Program and there I saw for the first time how programming works in a pretty simplified way since I was using blocky methods of programming to move something or to create The Flappy birds game. After every task we could see the whole code, but it was very hard to understand at that time.

I started understanding programming in high school when I was doing C++ and solve different problems.It felt like I had the tool to express my creativity and learning new methods was a way to easily create new applications. Every Computer Science class was a pleasure for me and every program that I wrote gave me the occasion to express myself.

However, after I graduated from High School I went to University to further expand my knowledge in programming and I really like it, but in the first year it was pretty tough since in my university everyone is used to give homework at the same time so I manage to have 3 or 4 projects in a 2 or 3 week period. Also, in this period I do have mid-term exams so it is pretty tough to do all of it. Even though it is hard, I do like what I am doing in university and I am so excited for new challenges to further improve my knowledge in a company like this.

Overall, my main objective here is to further improve my knowledge and creativity and express what I know and what I will learn in new programs with the applicability that your company develops.

4)When will you consider yourself a successful professional?

In computer science it is hard to tell whether I am a professional or not since it is still a developing industry, just think about Artificial Intelligence or the new algorithms that researchers hardly try to find to solve different problems which can make our lives easier or about the new Data Structures that also try to solve problems of different kinds.

As long as people find a new problem there is always a method or an algorithm that can solve almost everything and after these methods are created programmers will have the question: “What is I can solve this more efficiently?“and this questions creates another idea and a new algorithm will appear , and this is is more efficient than the previous one and so on so on.

It is hard to tell, at least for me, if I am a professional programmer since there is always something new to learn, you can still learn all of them and something new and more efficient will appear and so on. Not even money can show professionalism. I do think that a programmer will become a professional when he invents his own algorithm who has a big application in this industry because he brought something new to society, he contributed to our cause and made our lives even better.

But overall, my goal here is to improve my programming skills or even learn a new programming language in order to express my creativity even further beyond, to cooperate with developers to achieve something even better than actual program state.

Talking about the application, I always find this thing specifically very important. The developer should always listen to our users from feedbacks or forums. I would constantly talk to everyone who is willing to give even better ideas to further improve the application to their likings.

I am also ready to share some of my own ideas to improve the application since I am very interested in getting this job.