I must say that I have no work experience yet, in fact, I am looking for my first job because I will graduate from my masters this month. I don't know if that would be a problem.

**Tell me about yourself** (cuentame sobre ti)

Well, I am currently studying a master's degree at Cinvestav Tamaulipas, in computer science career. All my experience is in academic environment. I have worked with the most common programming languages as: C, C++, Java, Python, among others, and i have made a variety of applications with these languages from the high school, university, until my current stage.

Now talking about your requirements, I am currently working in the area of computational intelligence, with advanced optimization. I am working with evolutionary computing paradigms like genetic algorithms, differential evolution, evolutionary programming, etc., to solve single and multi-objective problems.

In the area of data science, I have worked with machine learning for data modeling. Algorithms such as K-means, Random Forest, Neural Networks, among others. I also use libraries like pandas, numpy, matplotlib, sklearn. That is my experience in the area of data science.

On my bachelor’s stage, I worked at different environments:

* Web programming: I made some sites such as sales app management, student grades control, etc; using php, mysql, javascript, bootstrap and I used the MVC pattern.
* Among others, the videogames programming, mobile programming, desktop applications and databases with MS SQL SERVER.

Basically, that was a little summary about me.

**What are your strengths?** (cuales son tus fortalezas?)

I would say that my strengths are responsibility, patience, dedication and mostly I have the ability to solve hard problems.

**What are your weaknesses?** (cuales son tus debilidades?)

I consider that I only have one weakness, I get distracted very easily. But I think it's because I've never had an exclusive place to work. In general, I'm always surrounded by people, my family and friends for example, or the TV, my phone, that kind of thing... those are the reasons. The space where I work is very small. I think that it is the main problem.

**Why did you leave your last job?** (por que dejaste tu último empleo?)

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**Tell me about your education?** (hablame sobre tu educación)

well, talking about my experience as programmer,

-I started in 2012 in high school and finished it in 2015 as a programming technician,

-Then I entered at university in the information technology career and I graduated in 2018, more or less 3 years ago

-And finally, from 2019 to the current date, I have completed a master's degree in computer science. I will finish my masters at the end of this month.

**Where do you see yourself in 5 years?** (donde te vez en 5 años?)

I see myself at a big technology company, doing what I passionate and earning a great salary. And with all that, the most important thing for me is that, I would be supporting my family and to help economically to my brothers to finish their careers.

**Do you have any question?** (tienes alguna pregunta)

**What kind of salary do you expect?** (cual es tu espectativa salarial)

Good question! I manage a salary between 25 thousand and 40 thousand pesos free of taxes. And I know I don't have work experience, but that salary is mostly based on my knowledge, and also, I have seen this kind of ranges of salary are used in this area.

**How did you hear about us?** (como te enteraste de nosotros)

Well, I applied to this job on indeed platform, that's all.

**Where are you from?** (de donde eres?)

I am from Victoria, Tamaulipas.

**Have you ever done this kind of work before?** (Has hecho este tipo de trabajo antes?)

Not in the professional environment, all my experience has been in the academic environment.

**Why should we hire you?** (por qué deberiamos contratarte?)

Well, I would say there are some reasons. I consider myself a very capable person, I can work under pressure and due to my patience and dedication I have always achieved to complete my projects successfully.

**What do you know about our company?** (que sabe acerca de nuestra empresa?)

I only know that you are a company focused on Data Science, Artificial Intelligence and Data Engineering. Which is of interest to me because I just studied all of that.

**Tell me about your leadership style** (Hablame sobre tu estilo de liderazgo)

I don't often work in a team, because almost all my projects have been individual. But I think he would be a good leader; I don't know what else to say.

**How do you handle stressful situation?** (como enfrentas una situación de estrés?)

I think that I have never reached a stressful situation, since I do almost everything with patience and dedicate the necessary time to a problem. The rest also help me a lot.

**Hobbies:**

I have several, I like to listen to music, I listen to classical music, I sleep a lot, I like to go out with my friends to meetings, I love to play soccer too, it's my favorite sport, and I like to draw with pencil and digital, I do it very well

**Steps problem:**

* First, I took care of analyze the dataset. It is about the temperature values of an electrical submersible pump.
* I saw that the data type of the first column of dataset is a datetime. That’s means, we talking about time series.
* Then, I have researched about kind of machine learning algorithms to solve this kind of problems. I find the Prophet algorithm, I read that this is one of the most used forecasting algorithms. And I adapt it to this problem.
* For anomaly detection, I first had thought to use K-means since all non-grouped data could be considered. But then I found the Isolation Forest, a special algorithm for solving time series problems.