

Hello everyone, today I will present my ideal career.

First of all, I will talk about the company that I want to work for. This company is Boston Dynamics.

This is an American company located in Waltham, in the state of Massachusetts. This is one of the most famous companies in the world working in the sector of robotics. This enterprise was founded in 1992 thanks to the realisation of robots which can move like animals headed by Marc Railbert and his colleagues.

In 2013, they were bought by Google and in 2020, 80% of the company is bought by Hyundai for \$1.1 billion. So this is a big company.

Boston Dynamics develops a range of humanoid and animal-like robots. Spot is the certainly the most famous product of Boston Dynamics.

Spot is an agile mobile robot that navigates terrain with unprecedented mobility, allowing you to automate routine inspection tasks and data capture safely, accurately, and frequently. his mechanical arm allows him to manipulate plenty of objects and perform other actions.

Atlas is a high mobility humanoid robot designed to be able to move over rough terrain. It is able to adapt to different terrains and currently has the same flexibility as humans in its movements such as jumping, running, etc.

I recommend you to watch some videos about their realisations because there are amazing. You can watch their robots dancing, making parkour.

The reason I would like to work for them is that through their robots, they help to advance technology in the world. Thanks to them, we will be able to deploy them on dangerous sites like earthquakes, avalanches instead of sending men on the field. Also this is a company who join two of my hobbies: electronics and computing science.

My dream job at this company is to be an engineer specialised in cyber security to protect robots from eventually attacks to take control of robots. This job has many missions. First of all, I have to protect robots from attacks, secure the network where the robot is controlled, make the robot complicated to dismantle so that no one can access to the various electronic component, Test different attacks on the robot to see if it resists to them.

To do this job, I need to have a lot of knowledge about networks, electronics and, of course, cyber security. The potential salary for this kind of job is really huge. I thinks it's between 5 thousand and 10 thousand euros per month. To get this job, I have to do an engineering school specialized in cyber security.

As you should know, to validate our degree in the IUT, we must do an internship. For my part, I will exercise my internship in Scotland at the Robert Gordon University in Aberdeen. I will be supervised by a research teacher; his name is Dr Carlos Moreno-Garcia.

Understand whether if posts in social media or other outlets affect the prices of Bitcoin and other cryptocurrencies.

I will have different missions during this internship.

Analyse sources from different social media, such as Twitter, Reddit, etc to obtain image and textual data.

Correlate this data to cryptocurrency prices using historical sources.

Understand how to face challenges such as correctly interpreting image data (memes), textual data (sarcasm, internet jargon), and others.

Produce a technical/scientific report of the findings.

This internship is for me an excellent opportunity to improve my level in English, discover new landscapes, new cultures. I can't wait to leave.

Now, I will talk about my future project in terms of studies for 2022. My main wish is to integrate an engineering school in France in the domain of Cybersecurity because this is an interesting domain that I want to discover.