COMP 598 Homework 10 – To the future!
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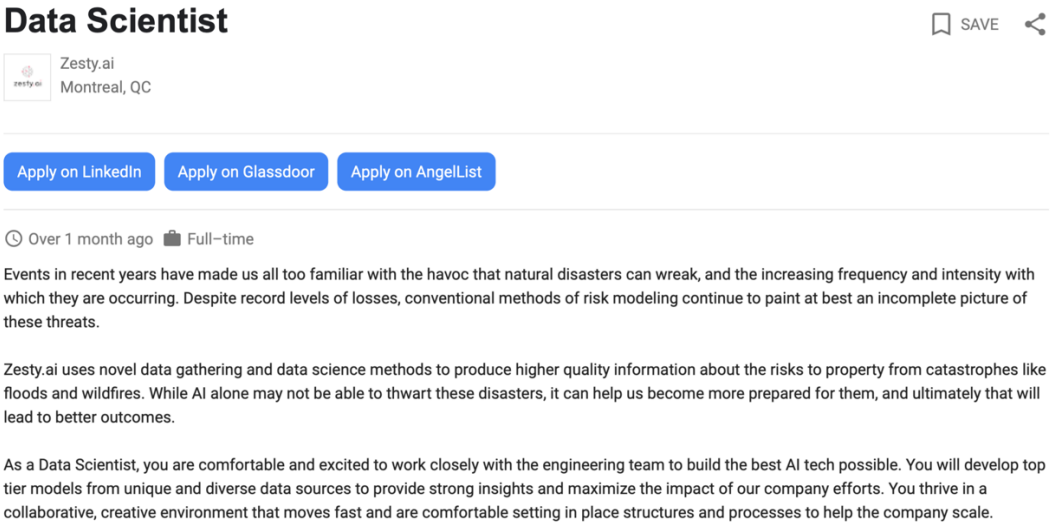
Task 1:
The jobs that are of my interests involve one or more features among computer vision, machine learning (deep learning), tackling real-life issues, or research-oriented. I have been working with on the intersection of machine learning/deep learning and computer vision in the past two years. Being passionate about this field, and after getting a general sense of how data science works from this course, it would be great if I could pursue my future career along the same path. The followings are the three jobs that attract me the most so far.
The first one provides solutions to the natural disasters using computer vision techniques.



Data Scientist

SAVE

Zesty.ai
Montreal, QC

Apply on LinkedIn | Apply on Glassdoor | Apply on AngelList

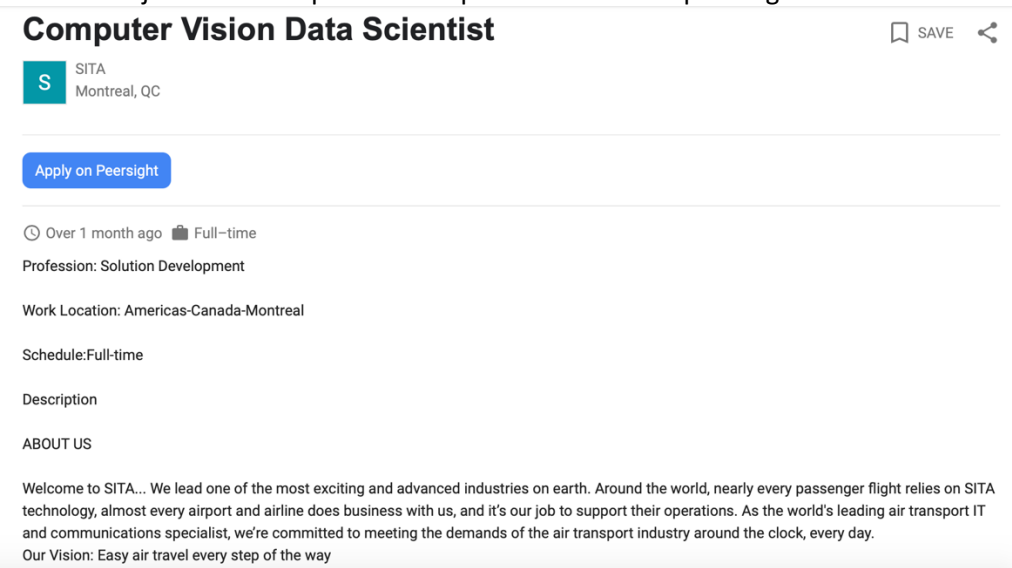
Over 1 month ago | Full–time

Events in recent years have made us all too familiar with the havoc that natural disasters can wreak, and the increasing frequency and intensity with which they are occurring. Despite record levels of losses, conventional methods of risk modeling continue to paint at best an incomplete picture of these threats.

Zesty.ai uses novel data gathering and data science methods to produce higher quality information about the risks to property from catastrophes like floods and wildfires. While AI alone may not be able to thwart these disasters, it can help us become more prepared for them, and ultimately that will lead to better outcomes.

As a Data Scientist, you are comfortable and excited to work closely with the engineering team to build the best AI tech possible. You will develop top tier models from unique and diverse data sources to provide strong insights and maximize the impact of our company efforts. You thrive in a collaborative, creative environment that moves fast and are comfortable setting in place structures and processes to help the company scale.

The second job aims to improve the experience of airline passengers.



Computer Vision Data Scientist

SAVE

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SITA
Montreal, QC

Apply on Peersight

Over 1 month ago | Full–time

Profession: Solution Development

Work Location: Americas-Canada-Montreal

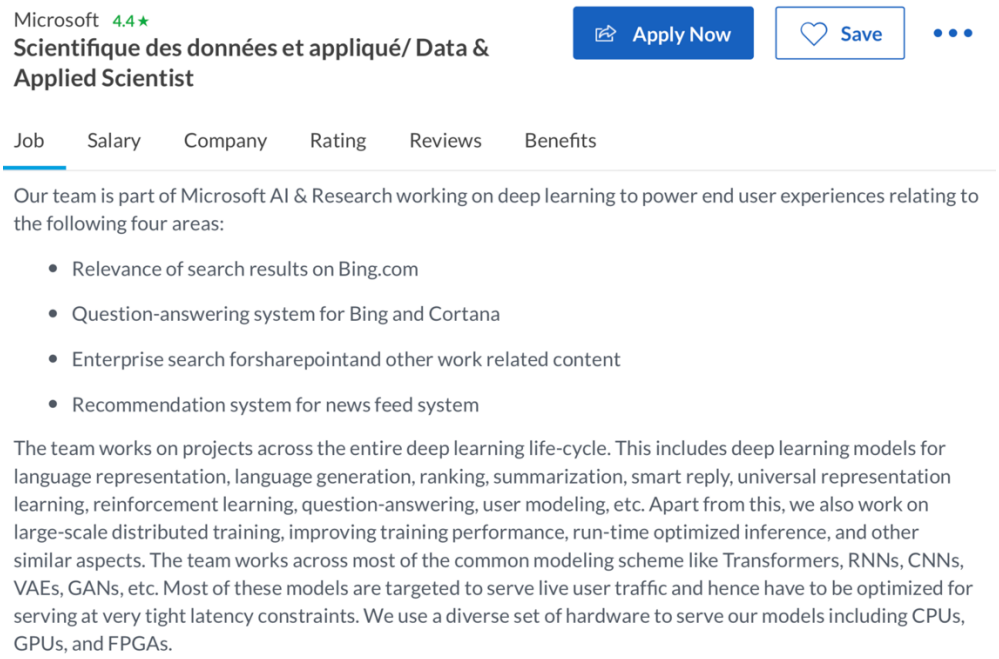
Schedule:Full-time

Description

ABOUT US

Welcome to SITA... We lead one of the most exciting and advanced industries on earth. Around the world, nearly every passenger flight relies on SITA technology, almost every airport and airline does business with us, and it's our job to support their operations. As the world's leading air transport IT and communications specialist, we're committed to meeting the demands of the air transport industry around the clock, every day.
Our Vision: Easy air travel every step of the way

And the third job is more on the research side, combining NLP together with deep learning to improve performance of Microsoft search system.



Task 2:

I would like to thank Professor Ruths for providing us such wonderful course experience throughout this whole semester! I am currently a first-year master of CS student. But during this four months, I always think that it would have been much better if I were a second-year undergraduate student. I guess there are already students telling you how much this course has impacted them on the job market, making them more competitive. But for me, my path is more research-oriented. I spent most of my vacations in the labs and will probably pursue a PHD afterwards. For students like me, when we first got exposed to a research project, the hardest part was not the project itself, but how to get familiar with the Unix system and how to structure the project. We only got our relevant experience when we took Comp 206 but that was apparently not enough. If I were a sophomore now, I would have gained this experience before I start my research career, which would have been much easier for both me and my future supervisor. So if it is possible, please keep teaching this course, it would mean a lot to the students who want to take part in research but have no idea where to start. Again, thank you so much for designing this great course. Hope I could TA this course someday in the future! :)