A Review of My Master's Program Experience

In 2021, I successfully completed a Master's program that paved the way for me to delve into the captivating world of data science and artificial intelligence. This enriching program consisted of a diverse range of subjects. Among these, Fuzzy Set Theory, Knowledge Engineering, Methods and Techniques of Data and Knowledge Engineering, and Genetic Algorithms were just a few that particularly stood out and left a profound impact on my academic journey.

Fuzzy Set Theory introduced me to the intriguing approach of managing uncertain situations and gray areas in decision-making. In contrast, Knowledge Engineering provided a comprehensive understanding of how to build intelligent systems that effectively utilize expert knowledge.

The Methods and Techniques of Data and Knowledge Engineering course extended my grasp of handling and interpreting large volumes of data, a skill set that is increasingly valuable in our data-driven world.

Genetic Algorithms, the centerpiece of my master's thesis, opened up a new dimension of problem-solving techniques inspired by natural evolution. This subject offered a practical application of the theoretical knowledge I had gained, enabling me to realize the potential of these algorithms in real-world scenarios.

Although these courses form a part of my learning spectrum, my Master's program included a broader exploration of artificial intelligence. I was introduced to several other subjects, each contributing uniquely to my understanding and skillset in the AI domain.

One of the highlights of my Master's program was the unwavering support and guidance from our faculty, especially Olena Skakalina. Her availability to answer crucial questions and her efforts to help each student discover a unique perspective on the subjects were truly commendable.

Fast forward to the present, I'm progressing through my Ph.D. at a renowned Norwegian University. The skills and insights I acquired under Elena's Skakalina mentorship have been instrumental in my current academic endeavor.

In conclusion, my Master's program served as more than just an educational journeyit was a transformative experience that provided a solid foundation for my pursuit of science. The teachings of Olena Skakalina and the skills I obtained during my Master's studies are evident in my ongoing Ph.D. program at the Norwegian University of Science and Technology (NTNU).

Yana Bilous
Ph.D. candidate in the Department of Information Security and Communication Technology, NTNU in Norway
Email: yana.bilous@ntnu.no