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Course: CS-537 Interactive computer Graphics

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Video: GPU Technology Conference 2015 Leaps in Visual Computing

The video shows the unveiling of the GTX GeForce Titan X GPU and how it can be used in deep learning and self-driven cars. The video describes in detail about the performance and benchmarks of the TITAN X GPU. According to the video, the TITAN X was able to achieve something unbelievable like training AlexNet in barely 3 days, which used to take 43 days with the old GPU's. The video also shows the performance of Titan X by running an HDR video with complex and highly GPU intensified video, developed by Epic Games on Unreal Engine. The performance of Titan X was astonishing. The video describes that how this GPU can be used to visualize deep learning. The video emphasis on the need of deep learning using the Nvidia Titan X in various applications like Amazon, Uber etc. and it can be used in Medical research purposes.

The video also explains that how deep learning can be utilized using the Titan X GPU to train the neuron networks implementing different frameworks. Video explains that how Pascal Architecture used in Titan X is better than the previous architectures used by Nvidia graphic cards. The video mainly discusses about how it this GPU and Deep learning can be used to drive a self-driven car using a computer.

In my opinion, the video was at its best. The hosts hosting the unveiling ceremony of the GPU perfectly explains the working of the GPU and also describes the new functionality introduced in that GPU. The host made it really easy to understand his goals as his approach was sequential and to the point.

This is one of the areas of my interest. I love playing and developing games and I am fascinated all these new GPU's and CPU's. Currently, I am also following the new Ryzen CPU introduced by AMD.

I liked what was presented by the host, as this is one of my interest area and also the host made it really interesting by properly describing and explaining the functioning of the GPU and how it can used be in the related field.

I was really fascinated by the video. I love GPU's and other tech stuffs related to gaming and animation. However, when it comes to GPU, I would recommend every to also learn about GTX Titan Z. The graphics is not as fast as Titan X, but it does presents some interesting performance benchmarks. Apart from that, since I have a new GTX 10 series GPU in my laptop, I would also encourage people learn about the new GTX 10 series of Nvidia, especially GTC 1080ti, which was r3cently released. AMD Ryzen is also a good read, if someone is interested in CPUs.

