**presentation for UOT**

Hello everyone, dear teachers and students, I’m Kevin from No. 2 High School of East China Normal University. Today, I bring my project co-worked with my partner, Tristan.

Tristan’s self-introduction…

The first feature of our project is image recognition using the TensorFlow.js Mobilenet model. It can tell you whatever your image uploaded to the site is. Next, Kevin will demonstrate how to use it.

As mentioned before, this is our first feature. It supports automatic image recognition. As you can see, after loading TensorFlow, it will show you the answer of recognition and the possibility. You can also either choose images from the “Examples” or upload one by yourself. Various uploading ways are also supported. Next, Tristan will introduce another feature to you.

The next feature of our project is transfer learning. You can train your very own ai using your webcam! You simply need to capture an object with your webcam, give it a name and the AI will learn to recognize it later. Kevin will show you what we’ve made!

This is the site for transfer learning, also supported by TensorFlow. After INITIALIZATION, we can teach the model whatever we want it to recognize. However, as the video stream contains too many distractions, you may need to teach it several times to make it work precisely. I’ll try to teach it to recognize my head pose now. Please wait for a moment. … Alright, it works perfectly now. So this is our second feature.

There’s still something I need to mention: The site is completely made by ourselves, using the template from Eleventy, a static page generator. We also want our project to help more people, so it’s open-source on GitHub, and I deployed this to Vercel, which lets you all can try my project. I’ll paste the URL of my site to the comment place.

We did this by splitting our work. I wrote a little bit of the AI and created the "upload image" button. Kevin designed the webpage and the second feature. During the process of finishing this project, we also met with many problems. So above all, I'd like to say thanks to Simon, our instructor, [TA] Sigmung, and the precious opportunity from the University of Toronto. We also learned how to code a basic website and how to solve problems with others or with the web. It's a meaningful experience for us! Hope you found this project interesting, thanks for watching! Remember to vote for us. We are Group A.