**Abstract**

In my thesis project, VolleyVision, I applied computer vision and deep learning techniques to analyze volleyball data. The aim of my project is to make these sophisticated technologies open and accessible to everyone. I developed models that can identify important aspects of a volleyball game like the ball, the players, and the court. I collected a lot of volleyball data and created a variety of datasets, also teaching the models to understand different volleyball actions like spikes, blocks, and sets. Everything about this project is available on Github, including the code, links to the datasets, and instructions. I also plan to make a web app to make it easy for anyone to use. happen. My hope is that this project will help volleyball become popular among open-source developers and computer vision practitioners, or at the very least, the dataset I created will be of use to fellow developers.

**Personal Statement**

For the last 5 years, UCA has undoubtedly been a special place to me. It's the place where I learned about myself, in addition to our curriculum, made tons of friends, and then defined friendship, fell mindlessly in love, and got rejected (twice). All these inevitable phases of life that one has to go through - I am happy that I got to experience a small portion of them within UCA's safe environment. From the very beginning, I knew that this blissful period was a respite, time given to prepare for what lies ahead, and so I did. I studied moderately hard, developed a few hard skills, and cherished every encounter and every conversation. Yet, there is an unbearable melancholy due to the realization that in September no bus will pick you up from the Central Office (RIP Toktogul 138). So, the last lesson I hopefully am going to learn at UCA, is the art of letting go.