**INTERNSHIP - JOB OFFER**

**Laboratory:** Image and Visual Representation Laboratory - IVRL

**Project Description**

We have developed a video age classification method based on deep neural networks, which can automatically detect suitability of each scene of a film for the different age groups with a very high accuracy. Our technology can make the age classification for the different countries considering the difference in the interpretation of video, audio, and language. The project is in the patenting process. We are going to use this technology on our platform Sofy.tv as an intelligent family filter and sell as a consulting tool to other film producers, distributors, and film commissions for age classification in the different countries.

**Internship Description**

In this internship, the task will be putting our age classification for movies technology in a suitable form for the industry. The first step of the task includes enhancing the accuracy of our network for specific goals such as detecting the age classification for some countries that we have not yet explored. The second step will be doing data analytics over existing Hollywood films and creating data correlation between these films and given a new film based on the age classification data produced by our network. The third step will be creating a web-based tool that can generate the whole analytics data that can be provided to the distributors, producers, and age commissions for films in the different countries.

**Request Profile and Qualifications**

Experience in deep learning Programming experience with Python and TensorFlow Basic knowledge for web development

**Timeline**

15 October 2018 - 15 April 2019

**How to apply?**

Please fill in the job application form mentioning “IVRL - Sami Arpa” in the field “Position of Interest”:

https://docs.google.com/forms/d/e/1FAIpQLSdqTzh1D7iUQsAZNhZQVj8Xbiz2zbT6asWOuRYv eG4txtFOWw/viewform