



CLIFE

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What is your project about and why is it important for the advancement of science?

Leveraging the large amounts of high-quality motion capture data and the latest advancements in deep-learning we are designing data-driven models for the task of motion generation in 3D. Our models can be controlled with intuitive means, such as text and speech, making the generation of 3D content creation accessible to a wider audience.

Why is your project important for society? Have you planned any public engagement activities for those interested to learn more?

The project is based on the observation that the usage of new techniques for creating and controlling interactive virtual characters is hindered by the limited availability of trained personnel possessing multi-disciplinary expertise in computer animation, technology-related fields, and human factors. Consequently, CLIFE aims to cultivate the next generation of scientists who will facilitate this technological revolution and consolidate the innovation capacity in the field of computer animation by drawing on expertise from numerous disciplines. The project covers the entire pipeline of character generation, from character design to

interactions between groups, interactions with the surrounding environment, and perceptual evaluation.



Why did you choose Cyprus as a host country?

I strongly believe that Cyprus has the potential to emerge as a leading technological hub due to its strategic location and abundance of highly talented individuals, including several accomplished scientists. As a citizen of Cyprus, I am keen on contributing to the progress of our country, striving to bring it up to international standards.



How did you find your host organisation?

The University of Cyprus is a renowned institution on both national and international levels. What specifically drew me to this institution was its high standard of research, particularly in the field of Computer Graphics.

Do you have any collaboration with the non-academic sector within your project?

As an integral component of the project, I will intern at Amazon Research. The objective of this placement is to investigate the suitability and impact of academic research in real-world industrial challenges. Non-academic placements establish valuable bridges between industry and academia.

What tips can you give other researchers who would like to apply for MSCA?

The research journey, and a PhD in particular, can be a challenging one. MSCA gives researchers the opportunity to collaborate with different institutions

throughout the course of the project, fostering the exchange of knowledge at an international level. The project includes training workshops designed to enhance skills beyond the academic realm including networking, entrepreneurship, leadership, and communication, thus contributing to the cultivation of well-rounded researchers.

Project: Creating Lively Interactive Populated Environments

Start date: 1 Mar 2020 - **End date:** 31 Aug 2024

Topic: H2020-MSCA-ITN-2019

Grant agreement ID: 860768

Coordinated by: University of Cyprus



Find out more on CORDIS



Find out more on project website

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