Job Description

Job Title: PhD in Computer Science (3D Computer Graphics, 3D Computer Vision)

School of Computer Science and Statistics, Trinity College Dublin, Ireland

We are seeking a highly motivated candidate for a fully funded PhD position to work in 3D computer graphics and 3D computer vision.

The successful candidate will join the 3D Graphics and Vision research group led by Prof. Binh-Son Hua at the School of Computer Science and Statistics, Trinity College Dublin, Ireland to work on topics related to generative AI in the 3D domain.

The School of Computer Science and Statistics at Trinity College Dublin is a collegiate, friendly, and research-intensive centre for academic study and research excellence. The School has been ranked #1 in Ireland, top 25 in Europe, and top 100 Worldwide (QS Subject Rankings 2018, 2019, 2020, 2021).

The PhD student is expected to conduct fundamental research and publish in top-tier computer vision and computer graphics conferences (CVPR, ECCV, ICCV, SIGGRAPH) and journals (TPAMI, IJCV).

The start date of the position is September 01, 2024. The position is fully funded for 4 years by Science Foundation Ireland.

The successful candidate will require the following skills and knowledge:

- Bachelor or Master in Computer Science or related fields;

- Strong competence in computer graphics, computer vision;

- Solid experience in academic research and publications is an advantage;

- Additional background in math, statistics, or physics is an advantage.

- Hands-on experience in training deep models;

- Hands-on experience in computer graphics and computer vision application development such as OpenGL, OpenCV, CUDA, Blender;

- Strong programming skills in C++, Python. Capability in implementing systems based on open-source software.

Applicants should provide the following information:

- A comprehensive CV;

- Academic transcripts of Bachelor and Master's degree;

- The name and contact details of two referees.

Interested candidates can email Binh-Son Hua (https://sonhua.github.io) for an informal discussion of the position. Applications will be reviewed on a rolling basis until the position has been filled.