Xinyang Han

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Education

University of Chinese Academy of Science(UCAS)	**Sept 2020-Present**
Bachelor of Engineering (Expected 2024)	**GPA: 3.85/4 Ranking: 25/128**

Academic Experiences

Robust Makeup Transfer in Neural Radiance Field   **Feb 2022 - Nov 2022**

Institution: Institute of Computing Technology, Chinese Academy of Sciences

Director: Lin Gao

➢ PROCEDURE

By transferring makeup in neural radiance field and designing a 3D consistent makeup supervisor, our method surpassed previous state-of-art makeup transfer methods in the dimension of robustness, details, accuracy and 3D consistency.

➢ RESULT

We have submitted this paper to CVPR 2023.

Improving Personalized News Headline Generation   **Oct 2022 - Dec 2022**

Institution: University of Chinese Academy of Sciences

Director: Xiang Ao

➢ PROCEDURE

By encoding the content of the news report and the history data of readers' preference to generate personalized news key element and style of description.

➢ RESULT

This course project got an A+ grade.

Interactive Deep Face Reshaping via Landmark Manipulation   **March 2022 - July 2022**

Institution: Institute of Computing Technology, Chinese Academy of Sciences

Director: Lin Gao

➢ PROCEDURE

Our motivation is to manipulate the shape of human face naturally and easily. So we designed a two stage pipeline, which first deform the facial mesh and then generate a living new face accordingly.

➢ RESULT

The system works well and is accepted by *Computational Visual Media Journal 2023*.

A Review on Action Prediction in Videos   **Nov 2021- April 2022**

Institution: Institute of Computing Technology, Chinese Academy of Sciences

Director: Shuqiang Jiang

➢ PROCEDURE

To help researches have a more comprehensive understanding of action prediction through videos, we summarized the datasets and methods used in this field.

> ➢ RESULT

The paper is accepted by *Chinese Journal of Computers 2023*.

Understanding Resin Composition with Machine Learning   **Nov 2020 - June 2021**

Institution: Computer Network Information Center

Director: Xiaoyu Yang

> ➢ PROCEDURE

Based on the resin picture obtained by the electron microscope, we build the database describing the relationship between the composition of resin materials and the physical characteristic of the product. Also, we used machine learning method to find the key factors influencing the quality of the resin.

> ➢ RESULT

We submitted this result to the Beijing Challenge Cup and won the Grand Prize.

Honors and Awards

Second Prize in Internet innovation and Entrepreneurship Competition	**Aug 2021**
Grand Prize of Beijing Challenge Cup	**May 2021**
Excellent Worker of UCAS	**Aug 2021**
Excellent Student Award	**June 2021**
Outstanding Student Leader	**June 2021**
Excellent Award in UCAS Scientific Fiction Contest	**Dec 2021**
Third Prize in the Science and Art Fusion Creation Contest	**Dec 2021**
First Prize in the English Public Speaking Contest	**Sep 2020**

Extracurricular Activities

Deputy Director of the Organization Department in UCAS Student Union	**Dec 2021 - Aug 2022**
Leader of the Innovation and Entrepreneurship Team	**Nov 2020 - Sep 2022**
Class Monitor	**Dec 2020 - Aug 2021**

Skills and Hobbies

TOEFL : 106 (R29, L26, S24, W27)	**TEST DATE : August, 27 2022**