LIU DONGXU

PROFILE

IT Engineer with 5 years of experience in C++ programming and computer vision, proficient in Python and Golang. Skilled in linear algebra and discrete mathematics, with a strong foundation in computer science. Led an algorithm development group, delivering practical solutions for complex projects.

EXPERIENCE

ENGINEER, XIAOFU TECH, HANGZHOU, CHINA – 2022–PRESENT

Responsible for the development of algorithm modules such as 3D point cloud matching, model reconstruction, and texture fusion; applied 3D model curvature features for instance segmentation; combined 3D features with neural network models for facial landmarks recognition; began leading the algorithm team in 2024.

ENGINEER, XIAOFU TECH, HANGZHOU, CHINA – 2019–2021

Responsible for the development of facial feature recognition algorithms, including for hair, wrinkles, and spots; developed algorithms for converting 2D images into 3D models and for hair follicle recognition. In addition to work, collaborating with Professor John He on a multi-camera SLAM project, mainly responsible for the engineering framework and multi-camera registration.

EDUCATION

JIANGSU UNIVERSITY OF SCIENCE AND TECHNOLOGY

– BACHELOR 2019

Majored in Computer Science and Technology, achieving excellent results in most major courses with a GPA of 83% for key subjects; received multiple scholarships. Led a University Student Innovation Project and successfully achieved the project's goals.

SKILLS

C++; OpenCV; Python; Golang

AWARDS

Participated multiple times in the Blue Bridge Cup programming competition during university and won a second prize.

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