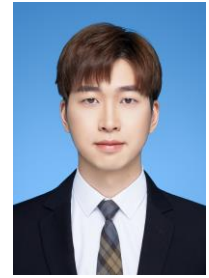# Zuo Yi

(Interested in becoming a PhD)

Phone: 17602357904   **E-mail:** yzuo_1@stu.xidian.edu.cn
Address: Xidian University, Xi'an City, Shaanxi Province
Personal website (detailed information): https://yiiizuo.github.io/

Educational

2022.9~2025.6   Xidian University   School of Artificial Intelligence
Computer Science and Technology

Project Experience

2021.8~2022.5   **Xi'an SenseTime**   **Algorithm/Android intern**
Project: AI intelligent care system.
Main description: Use multiple sensors (RGB, NIR, and THERMAL) to provide non-contact physiological indicator detection for patients and alarm them in case of abnormal conditions.
Main responsibilities: Build the architecture of the project from scratch. Collect relevant data. Research, develop, and deploy corresponding algorithms. Production of product demonstration videos. Maintenance and Upgrade of Product Code.

2022.9~2023.9   **Xidian IPIU Lab**   **project leader**
Project: Eye-controlled wheelchair
Main description: By combining an eye tracker with a wheelchair, the movement of the wheelchair is controlled by the eyes, making it convenient for people with gradually frozen or disabled to travel easily.
Main responsibilities: Task formulation, scheme design, and personnel deployment. Develop and deploy indoor autonomous driving algorithms. Maintain project code, change C # code to Python code, and deploy on Ubuntu 22.04 system.

Key award experience

(Won the top three spots 10 times in competitions organized by ICCV, ECCV, and CVPR workshops.)

- ICCV2023 MUAD Uncertainty Estimation for Semantic Segmentation Challenge **Winner.**

- ICCV2023 The 5th Large-scale Video Object Segmentation Challenge - Track 1: Video Object Segmentation **Winner.**

- ECCV2022 AIM2022 Challenge on Instagram Filter Removal Winner.

- Received the SenseTime Future Star Award of 2021 Year (20 people each year).

Paper

2023: A TGRS (Impact Factor: 8.2) paper in submission (Lead author).
2022: $D^{3}K$: Dynastic Data-Free Knowledge Distillation-IEEE Transactions on Multimedia (Impact Factor: 7.3).

Self-evaluation

Serious and enthusiastic towards work, with a sense of responsibility and learning ability, organizational and management skills, and a solid foundation in writing. Willing to actively and diligently approach work and respond to challenges in the workplace.