# Shenghong Luo

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**[Homepage](#)|[Google Scholar](#)|[Github](#)|[ResearchGate](#)**

## EDUCATION

BEng of Network Engineering (GPA 83/100)                               Sep.2019-Jun.2023
**Huizhou University**, China (Huizhou)
Core Courses: Data Structure, Computer Network, Operating System, Principle of Computer Organization, Computer Network Engineering, Database Application Technology.

MSc of Information Technology Management(GPA 3.13/4.00)                 Sep.2023-Jul.2024
**Hong Kong Baptist University**, China (Hong Kong)
Core Courses: Msc Research (Top 5%), Electronic Transformation in Business, Principles and Practices of Data Analytics.

## RESEARCH INTEREST

Computer Vision; Low–level Computer Vision; 3D Reconstruction; AI Generated Content.

## PUBLICATIONS

➢ **Luo S**, et al. Devignet: High-Resolution Vignetting Removal via a Dual Aggregated Fusion Transformer With Adaptive Channel Expansion. **AAAI 2024**

➢ Chen W, Lei Y, **Luo S**, et al. ShaDocFormer: A Shadow-attentive Threshold Detector with Cascaded Fusion Refiner for document shadow removal. **IJCNN 2024.** (Accepted)

➢ Chen X, Lei Y, **Luo S**, et al. UWFormer: Underwater Image Enhancement via a Semi-Supervised Multi-Scale Transformer, **IJCNN 2024.** (Accepted)

➢ Li Z, Zhang Z, **Luo S**, et al. An Improved Matting-SfM Algorithm for 3D Reconstruction of Self-Rotating Object. **Mathematics 2022. (JCR Q2)**

➢ Li Z, **Luo S**, et al. 3D reconstruction system for foot arch detecting based on OpenMVG and OpenMVS. **PRAI 2022**.

## RESEARCH EXPERIENCE

**Research Assistant, University of Macau**

Aug.2022-now

➢ Collaborated on the " DeVigNet " and "UWFormer" research paper, actively contributing to the research process and playing a pivotal role in the research. Responsible for model development and experiments. Conduct a comprehensive dataset, encompassing more than 2000 images.

**Research Assistant, Shenzhen Advanced Technology Research Institute, Chinese Academy of Sciences**
Feb.2023-now

➢ Make a contribution to DocDeshadower and ShaDocFormer research papers, encompassing server setting, model development, and experiment implementation.

## HONORS AND AWARDS

➢ Hong Kong Baptist University MSc ITM Entrance Scholarship                 Sep.2023
➢ Third Prize in the National Youth Innovative Translation Competition      June.2022

## SKILLS

Python, Pytorch, Latex, OpenCV, Linux