QIAOLE DONG

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Education

Fudan University   **Sep. 2022 – Present**
Fudan Elite PhD Program   *Shanghai, China*
- Advisor: Dr. Yanwei Fu
- Doctor of Philosophy (Ph.D.) (Research: Computer Vision)
- GPA: 3.8/4.0

Fudan University   **Sep. 2018 – June 2022**
Bachelor of Data Science   *Shanghai, China*
- GPA: 3.79/4.0
- National Scholarship, Ministry of Education of China (2021)

Publications

* indicates equal contributions.

- **Qiaole Dong**, Yanwei Fu. "MemFlow: Optical Flow Estimation and Prediction with Memory". **CVPR** 2024.

- Chenjie Cao, Yunuo Cai, **Qiaole Dong**, Yikai Wang, Yanwei Fu. "LeftRefill: Filling Right Canvas based on Left Reference through Generalized Text-to-Image Diffusion Model". **CVPR** 2024.

- Chenjie Cao*, **Qiaole Dong***, and Yanwei Fu. "ZITS++: Image Inpainting by Improving the Incremental Transformer on Structural Priors". **IEEE TPAMI** 2023.

- **Qiaole Dong***, Chenjie Cao*, Yanwei Fu. "Rethinking Optical Flow from Geometric Matching Consistent Perspective". **CVPR** 2023.

- Xiang Li*, Xuelin Qian*, Litian Liang*, Lingjie Kong, **Qiaole Dong**, Jiejun Chen, Dingxia Liu, Xiuzhong Yao, Yanwei Fu. "Causally-Aware Intraoperative Imputation for Overall Survival Time Prediction". **CVPR** 2023.

- Chenjie Cao*, **Qiaole Dong***, Yanwei Fu. "Learning Prior Feature and Attention Enhanced Image Inpainting". **ECCV** 2022.

- **Qiaole Dong***, Chenjie Cao*, Yanwei Fu. "Incremental Transformer Structure Enhanced Image Inpainting with Masking Positional Encoding". **CVPR** 2022.

Preprints

- Yikai Wang, Chenjie Cao, Ke Fan, **Qiaole Dong**, Yifan Li, Xiangyang Xue, Yanwei Fu. "Repositioning the Subject within Image".

- **Qiaole Dong**, Bo Zhao, Yanwei Fu. "Open-DDVM: A Reproduction and Extension of Diffusion Model for Optical Flow Estimation".

Talks

- Yanwei Fu, Shenghua Gao, Chenjie Cao, **Qiaole Dong**. "The Priors Guided Image Editing and Synthesis". Tutorial of **ACCV** 2022.

Awards

- National Scholarship, Ministry of Education of China (2021, Undergraduate)

- National 1st Prize for Contemporary Undergraduate Mathematical Contest in Modeling (2020), **Outstanding Paper Awards (Top 4 of Undergraduate Track)**: "Tian Liu, **Qiaole Dong**, Di Wu. 'A Model of Furnace Temperature Curve Based on One-dimensional Thermal Conduction Equations'. Chinese Journal of Engineering Mathematics, 2020, 37 (Supplement One): 69-78."

- Outstanding graduate of Fudan University (2022)

- 1st Prize of the 11th and 12th National Mathematics Competition for College Students (Non-Mathematics) (2019/20)

- The Second/Third Prize of Outstanding Student Scholarship of Fudan University (2020/22)

- Huawei "Intelligent Base" Scholarship (2022)

- HHCTEA Freshman Scholarship at Tengfei College, Fudan University (Top 10%, 2018)

Miscellaneous

- Reviewer of CVPR, ICCV, ECCV, IEEE TCSVT, IEEE TIP and IEEE TMM.

- Yanwei Fu, Chenjie Cao, **Qiaole Dong**. 2021. Method for Image Inpainting based on Incremental Edge and Wireframes. China Patent: CN202111598280.7 , filed Dec. 24, 2021. Patent pending.

- I has attended "International Computer Vision Summer School 2024", held in Sicily, Italy from July 7 to July 13 2024.