Haoran MO

Personal Info

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Research Interests

I work on deep learning based Computer Vision and Computer Graphics, particularly in sketch understanding and sketch-based applications.

Education

Sep 2020 - June 2024 (Expected)	Ph.D. at **Sun Yat-sen University**, Guangzhou Major: Software Engineering
Sep 2018 - June 2020	Master of Science in Engineering, **Sun Yat-sen University**, Guangzhou Major: Software Engineering Thesis: "Automatic Colorization of Scene Sketches Based on Deep Learning"
Sep 2014 - June 2018	Bachelor Degree in Engineering, **Sun Yat-sen University**, Guangzhou Major: Software Engineering Thesis: "Sketch Recognition and Semantic Segmentation Based on Neural Network"

Publications

1. C. Zou[†], **H. Mo**[†] (equal contribution), C. Gao[*], R. Du and H. Fu. "Language-based Colorization of Scene Sketches", *ACM Transactions on Graphics* (Proceedings of ACM SIGGRAPH Asia), 2019.

2. C. Zou[†], Q. Yu[†], R. Du, **H. Mo**, Y. Song, T. Xiang, C. Gao, B. Chen[*] and H. Zhang. "SketchyScene: Richly-Annotated Scene Sketches", *European Conference on Computer Vision* (ECCV), 2018.

Other Experience

May-July 2019	Research Intern, **Waseda University**, Tokyo Adviser: Prof. Edgar Simo-Serra Research on sketch generation and simplification.

Skills

Programming Language: Python, Matlab
Deep Learning Tools: Tensorflow, PyTorch

Languages

Mandarin (Basic), Cantonese (Native), English (Fluent)

Scholarships

2019	Second Prize Master Scholarship (Top 10%), Sun Yat-sen University