
EDUCATION**Soochow University**, Bachelor of Software Engineering (B.E.)*Sep. 2016 – Jan. 2021*

- GPA: 3.7/4.0 (88/100); Rank: 6/65 (9.2%).
- +1 semester in the “Practice of Innovation and Entrepreneurship” program of Soochow University.

EXPERIENCE**Style2Paints Research**, Founder*Jun. 2018 – Now*

- Founded the Style2Paints Research (<https://llyasviel.github.io/Style2PaintsResearch>), a non-commercial research group aimed at improving techniques for digital painting, illustration, content creation, cartoon processing, *etc.*

Preferred Networks Inc., Algorithm Service*Nov. 2017 – Nov. 2018*

- Signed an agreement of cooperation services with Toru Nishikawa, the President and CEO of Preferred Networks Inc., for a line drawing coloring APP “PaintsChainer” or called “Petalica Paint” (<https://petalica-paint.pixiv.dev>), collaborated with **Pixiv Inc.**.

PROJECT**Style2Paints** (github.com/llyasviel/style2paints) Star:14223; Watch:558; Fork:1814.

- developed a line drawing coloring and shading software that not only add colors to line drawings but also generate color gradients and textures.

PaintingLight (github.com/llyasviel/PaintingLight) Star:557; Watch:18; Fork:89.

- investigated how artists add illumination and lighting effects to their artworks, and how we can simulate this procedure to assist such workflow.

DanbooRegion (github.com/llyasviel/DanbooRegion) Star:229; Watch:11; Fork:24.

- presented an image region (super-pixel) segmentation dataset for artworks and illustrations.

PUBLICATION

SIGGRAPH/SIGGRAPHASIA/TOG:

Lvmin Zhang, Edgar Simo-Serra, Yi Ji, and Chunping Liu. “Generating Digital Painting Lighting Effects via RGB-space Geometry”. ACM Transactions on Graphics (SIGGRAPH 2020), 39-2, January 2020.**Lvmin Zhang**, Chengze Li, Tien-tsin Wong, Yi Ji, and Chunping Liu. “Two-stage Sketch Colorization”. ACM Transactions on Graphics (SIGGRAPH ASIA 2018), 37-6, June 2018.

CVPR/ICCV/ECCV:

Lvmin Zhang, Jinyue Jiang, Yi Ji, and Chunping Liu. “SmartShadow: Artistic Shadow Drawing Tool for Line Drawings”. International Conference on Computer Vision (ICCV), Dec 2021. (Oral, 3%)**Lvmin Zhang**, Chengze Li, Edgar Simo-Serra, Yi Ji, Tien-Tsin Wong, and Chunping Liu. “User-Guided Line Art Flat Filling with Split Filling Mechanism”. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), June 2021.**Lvmin Zhang**, Xinrui Wang, Qingnan Fan, Yi Ji, and Chunping Liu. “Generating Manga from Illustrations via Mimicking Manga Creation Workflow”. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), June 2021.**Lvmin Zhang**, Yi Ji, and Chunping Liu. “DanbooRegion: An Illustration Region Dataset”. European Conference on Computer Vision (ECCV), May 2020.**Lvmin Zhang**, Chengze Li, Yi Ji, Chunping Liu, and Tien-tsin Wong. “Erasing Appearance Preservation in Optimization-based Smoothing”. European Conference on Computer Vision (ECCV), May 2020. (Spotlight, 5%)

Other:

Lvmin Zhang, and Chengze Li. “Screenshots from Screen Photography”. In Special Interest Group on Computer Graphics and Interactive Techniques Conference Posters (SIGGRAPH '21 Posters), August 2021.**Lvmin Zhang**, Yi Ji and Chunping Liu. “Style Transfer for Anime Sketches with Enhanced Residual U-net and Auxiliary Classifier GAN”. Asia Conference on Pattern Recognition (ACPR), June 2017.

(the most cited paper of ACPR 2017)

PROFESSIONAL ACTIVITYConference reviewer: SIGGRAPH 2019 – 2020, SIGGRAPH Asia 2019 – 2020, *etc.*Journal referee: IEEE TVCG 2019 – 2021, ACM CAVW 2019 – 2021, *etc.*

Teaching assistance: Soochow University COMS3010 Advanced Database Techniques 2017.

PATENT**CN108615252A**, “The Training Method and Device of Coloring Model on Line Drawings Based on Reference Images”.