

Yichen Peng

{% include cv-contact.html %}

Education

Japan advanced institute of Science and Technology 2021.4 -

Nomishi, Japan

- Ph.D. in Information Science
- Supervised by [Kazunori Miyata](#)

Japan advanced institute of Science and Technology 2018.10 - 2021.3

Nomishi, Japan

- B.S. in Knowledge Science
- Supervised by [Kazunori Miyata](#)

Guangdong University of Technology 2013.9 - 2017.6

Guangzhou, China

- B.A. in Animation, CGPA:3.31/4.00
- School of Art & Design

Vellore Institute of Technology 2013.9 - 2017.10

Vellore, India

- B.S. in Animation, CGPA:3.31/4.00
- School of Information Technology & Engineering

Publications

Two-Stage Motion Editing Interface for Character AnimationSCA 2021

Yichen Peng*, Chunqi Zhao*, Zhengyu Huang, Tsukasa Fukusato, Haoran Xie, and Kazunori Miyata.
SCA '21: The ACM SIGGRAPH / Eurographics Symposium on Computer Animation
[\[PDF\]](#)

Sketch-Based Human Motion Retrieval via Shadow Guidance NICOGRAPH International 2021

Yichen Peng, Zhengyu Huang, Chunqi Zhao, Haoran Xie, Tsukasa Fukusato, and Kazunori Miyata.

NICOGRAPH International 2021

[PDF] [video]

dualFace: Two-Stage Drawing Guidance for Freehand Portrait Sketching CVM 2021

Zhengyu Huang, **Yichen Peng**, Tomohiro Hibino, Chunqi Zhao, Haoran Xie, Tsukasa Fukusato, and Kazunori Miyata.

Computational Visual Media Journal (Special issue of CVM2021)

[PDF] [repo] [video] [news]

Sketch2Domino: Interactive Chain Reaction Design and Guidance NICOGRAPH International 2020

Yichen Peng, Yuki Mishima, Yamato Igarashi, Ryoma Miyauchi, Masahiro Okawa, Haoran Xie and Kazunori Miyata.

(Best Paper Award)(Best Online Presentation Award (Paper)) *NICOGRAPH International 2020*

[PDF] [video] [news]

BalloonFAB: Digital Fabrication of Large-Scale Balloon Art CHI 2019

Haoran Xie, **Yichen Peng**, Naiyun Chen, Dazhao Xie, Chia-Ming Chang, and Kazunori Miyata.

ACM SIGCHI 2019

[PDF] [video]

Experience

Sketch-based Interface for Deep Learning JAIST & Utokyo 2020.04 -

Research group, co-advised by [Haoran Xie](#), [Tsukasa Fukusato](#) and [Kazunori Miyata](#).

Japan advanced Institute of Science and Technology JAIST, 2020 - 2021

Teaching Assistant, **Media Creation**

Honors & Awards

Doctoral Research Fellow (DRF) Special adoption JAIST, 2021.04 - 2024.03

映像情報メディア学会北陸支部優秀学生賞 ITE, 2021.03

Technical Strengths

Programming

JavaScript, Python, C++

Languages

English, Japanese, Cantonese, Chinese