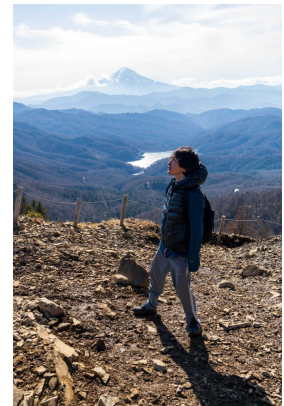


Yuxuan Liu - Curriculum Vitae

4th October 2025

Born: 17th July 1996
Status: PhD Candidate
Fields: Digital Typography, Computer Graphic
Languages: Chinese: native speaker, Japanese: JLPT N1, English: TOFEL IBT 82
MyPage: <http://giftedmelon.com>
Contact: S5-408A Ookayama Area, 2-12-1 Ookayama, Meguro-ku
Tokyo, 1528550 JAPAN
+81 07010673971
liu.y.cd@m.titech.ac.jp



My name is Yuxuan Liu, from China and currently studying in Nohara Laboratory at Institute of Science Tokyo. At the moment, I am a doctoral student with a passion for language and mathematics, devoted to the captivating world of typefaces. My focus lies in font image processing for achieving a new representation of fonts, drawing inspiration from handwriting movement.

Education

2023-present	Doctoral Programme <i>Institute of Science Tokyo, School of Environment and Society</i>	📍 Tokyo, Japan
2021-2023	Master's Degree <i>Tokyo Institute of Technology (Now Institute of Science Tokyo), School of Environment and Society</i> Master program in engineering Master's Thesis: A Study on Generation of Font Skeletons as Vector Images	📍 Tokyo, Japan
2020-2021	Research Student <i>Kansai University, Department of Electrical, Electronic and Information Engineering</i> Research Student in engineering Research Report: Learning Support System Based on Pronunciation of English Conversation Considering Listening Ability of English Learners	📍 Osaka, Japan
2019-2020	Language Student <i>Kansai University, Preparatory Course</i> Student in Japanese Language and Culture Program	📍 Osaka, Japan
2014-2018	Bachelor's Degree <i>Huaihai Institute of Technology, School of Electronic Engineering</i> Bachelor of engineering Bachelor's Thesis: Development and design of Arduino-based remote physiological monitoring system	📍 Jiangsu, China

Activities

September 2025	Info Trainer <i>Ars Electronica Festival 2025, Exhibition for S+T+ARTS Prize</i>	📍 Linz, Austria
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2024-2026

Research Assistant

Tokyo, Japan

Institute of Science Tokyo, School of Environment and Society, Nohara Laboratory

Publications

Conference Paper

December 2024

Liu, Y., Fujii, Y., Zhu, X., Nohara, K. (2024). Fine-Tuning Large Language Models for Automatic Font Skeleton Generation: Exploration and Analysis. In Proceedings of the Asian Conference on Computer Vision (pp. 4156-4171).

Technical Report

May 2024

Liu, Y., Fujii, Y., Zhu, X., Nohara, K. (2024). Fine-tuning Large Language Models for Automatic Font Skeleton Generation: A First Attempt. IEICE technical report, vol. 124, no. 23, PRMU2024-2, pp. 7-12.

Honors

Scholarship

2024-2026

Tokyo Tech Program for Development of Next-Generation Front-Runners with Comprehensive Knowledge and Humanity (continued on the Advanced Human Resource Development Fellowship)

Scholarship

2023-2024

Super Smart Society Leadership Scholarship for Doctoral Students

Scholarship

2023-2024

Advanced Human Resource Development Fellowship

Scholarship

2022-2023

Super Smart Society Core Technology Research Project Incentive

Skills

Programming

Python
JavaScript
C/C++/C#

Web development

HTML
CSS
Vue.js

Office

Microsoft office tools
L^AT_EX