

Jianye (Jimi) Peng

Portfolio
pengui.dev

EDUCATION

Rensselaer Polytechnic Institute, Troy, N.Y. *B.S. in Computer Science and Studio Arts*

August 2020 - May 2024

GPA 3.54/4; Dean's List, Cum Laude

Relevant coursework: Data structures & Algorithms, Interactive Visualization, Human-Computer interaction, Machine Learning From Data, AI and Blockchain, Cinematography, Studio Arts.

EXPERIENCE

Tech Operations Coordinator, BT-miners, Clifton Park, N.Y.

December 2024 - December 2025

Redesigned internal technical documentation to improve information hierarchy and task efficiency. Maintained company website with content updates and frontend adjustments. Coordinated small-batch international logistics, balancing technical constraints and user communication.

Photographer Freelance

April 2021 - PRESENT

Shoot portraits, events, landscapes, and architecture using Nikon and Sony systems. Work spans digital and 35mm film, still images and short motion pieces. Experience in composition, visual story telling, and user centered creation process. Delivered 150+ edited images for clients.

Video Interpreter, Linus Media Group, Remote

December 2019 - April 2022

Provided Chinese-English translation for video content, focusing on Linus Tech Tips and Short Circuit. Improved inter-cultural content usability by translating tech topics for Chinese Audiences on Bilibili.

PROJECTS

Color Scheme Generator https://github.com/JimiOwO/Color_Scheme_Generator

A small tool that extracts the main color scheme from art works. Aims to provide insight on how color selection is used in composing art works and explores computational aesthetics and automated palette extraction for design workflows.

QuACS <https://quacs.org>

Open-source course planning tool; contributed UX flow and visualization. I focused on lowering the cognitive cost on course selection and planning. Improved information clarity and interaction patterns used by thousands of RPI students each year.

SKILLS

Technical

Computer science fundamentals
AI-assisted workflows
Data asset management
Hardware troubleshooting

Visual

SLR/ Mirrorless shooting
Post processing(Lightroom, Final Cut Pro, Photoshop)

Design

Figma
Visual Design
UI/UX Basics

LANGUAGES

English (Bilingual)

Chinese/中文 (Native)

Japanese/日本語 (JLPT N3)

Swedish/Svenska (CEFR A2)