

Pinzhi Wang (Jake)

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EDUCATION

Nanjing Tech University

Major: Bachelor of Industrial Design

Nanjing, China

Oct. 2021-June. 2025

Pratt institute

Major: Master of Industrial Design

Brooklyn, NY

Aug. 2025-June. 2027

PROFESSIONAL EXPERIENCE

Zhejiang Zhong Zai Medical Technology Co., Ltd

Product Design Intern

Zhejiang, China

Jun. 2024- Aug. 2024

- Help analyze the medical product design trends in the market and work with the team to determine the company's medical product design language.
- Worked with the team to design the second-generation Heimlich choke detector and put it into production.

PROJECT EXPERIENCE

Decompression Product Design for Teenagers

Sept. 2023

- The purpose of decompression training is achieved through the interaction between users and products.
- Complete design of product specification, packaging and app.

Design of Cultural Relic Transport Exhibition Vehicle

Mar. 2024

- The vehicle design was completed according to the requirements.
- Completed a relatively perfect system service design.
- Elaborate model of vehicle was made.

A Wearable that Generates Music in Real Time Based on Heartbeat and Lung Sounds

Aug. 2024

- The wearable device was made and verified.
- It is integrated with the medium of music and realized real-time generation.

A Device Based on YOLO V7 to Judge Health Through Eyeball Symptom Detection

Nov. 2024

- A machine learning model for eye feature recognition was trained independently through YOLO V7.
- The product prototype was tested with high accuracy for patient use.

HONORS AND AWARDS

- National Second prize in English Competition for College students Mar. 2022
- Special prize of Jiangsu Industrial Design Competition Apr. 2023
- First prize of Jiangsu University Student robot competition Sept. 2023
- Second prize in college students' Innovation and Entrepreneurship Competition May. 2024

ADDITIONAL INFORMATION

Languages: Native in Mandarin, fluent in English.

Technical Skills: Solidworks, Rhino, C4D, Keyshot, Photoshop, Adobe Illustrator., Python