



Xingpan Jin

Industrial Designer

Contact

✉ 1998cjn@gmail.com

☎ (215) 316 4665

🌐 xjindesign.com Password: xjinportfolio

Education

Master of Integrated Product Design (M:IPD)

2021-2023

University of Pennsylvania

Industrial Design, Bachelor of Fine Arts

2017-2021

University of Illinois at Urbana-Champaign

Skills

Design Tools

Design Research, User & Market Research, User Testing, Concept Sketching, Rapid Prototyping, Visual Storytelling, Workflow Mapping

Digital Skills

Adobe Suite, Creo, Figma, Rhino, Grasshopper, SolidWorks, KeyShot, Arduino, Zbrush, Vizcom

Language

English, Mandarin, Cantonese

Experience

DEKA Research & Development

Jul 2023 - Present | Industrial Designer

- Contributed to 10+ mobility and medical device projects, working across concept development, physical prototyping, CAD, CMF, and UI/UX in collaboration with engineers and project managers.
- Led the design of iBot Duo (<https://www.2kerr.com/producten/ibot-duo/>), a self-balancing mobility device intended for people with disabilities, developing the device's form, user interface, and user experience through an iterative approach. iBot Duo was showcased at the REHACARE 2024 show in Germany.
- Led the design of 2 FDA compliant medical device user interfaces, translating complex clinical workflows into streamlined user experiences through iterative user testing and validation.
- Built functional and mechanical prototypes to validate concepts, evaluate user interactions and ergonomics, and drive rapid design iteration using 3D printing, laser cutting, vacuum forming, etc.

May 2022 - Aug 2022 | Industrial Design Intern

- Delivered an design solution for a kidney cell-therapy device, advancing the concept toward development in collaboration with the project team.

Xiamen Weiv Technology Co., Ltd

May 2020 - Apr 2024 | Industrial Designer & Co-founder

- <https://www.veloluggage.com/>
- Co-founded and led the industrial design and product development of VELO, a 3-in-1 hard-shell expandable suitcase, from initial concept through production.
- Raised 2.5 million USD across multiple crowdfunding platforms including [Kickstarter](#) (United States), [Indiegogo](#) (Global), [Makua](#) (Japan), [Campfire](#) (Japan), and [FlyingV](#) (Taiwan).
- Directed the complete product development process spanning market research, concept development, CAD, CMF, prototyping, DFM, and manufacturing.
- Collaborated with engineering and manufacturing partners to address structural and assembly challenges and translate the design into a production-ready product.

Midea Group | Industrial Design Intern

Jun 2020 - July 2020

- Conducted market and product research to develop a new design direction for a car air purifier, selected as one of 3 finalists from 15+ concepts, while collaborating with engineers and project planners and coordinating external prototype manufacturing.

Venture Lab - University of Pennsylvania

Feb 2022 - May 2023 | Studio Technician

- Provided 3D printing, laser cutting, and CNC machining services to students.
- Assisted student members with CAD modeling tools including SolidWorks and Rhino, and project development.