

YANWEI MIAO

HCI Researcher
UX Designer

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miaoyanwei.github.io

INTEREST

Sustainability, XAI, Robotics, IoT,
Psychology

SKILL

UI Figma, Sketch, Axure, Principle,
Adobe Photoshop, Adobe Illustrator

Product Rhinoceros, SolidWorks,
KeyShot

Programming HTML, CSS, Java
Script, C++, Angular, Bootstrap

Research Tex, Microsoft Excel,
Python

ACHIEVEMENT

4 Product Design Patents
(CN303455807S, CN303452837S,
CN303307710S, CN302973755S)

LANGUAGE

English (C1)
German (B1)
Chinese (native)
Cantonese (fluent)

EDUCATION

MSc Human Computer Interaction Siegen University

Apr 2021 - now · 2.0 (currently) · Germany

Thesis Building a smart recommender for household energy systems

Supervisor Prof. Dr. Gunnar Stevens (gunnar.stevens@uni-siegen.de)

MA Interaction Design Loughborough University

Oct 2015 - Dec 2016 · Distinction · UK

Thesis Designing a social platform to empower older adults and international students by enhancing their connections

Supervisor Dr. Val Mitchell (v.a.mitchell@lboro.ac.uk)

BEng Industrial Design Guangdong Ocean University

Sep 2010 - Jun 2014 · GPA 84 · China

Thesis Designing a wheelchair for older adults that can adapt to different scenarios

Supervisor Prof. Yanli Su

EXPERIENCE

HCI Researcher Fraunhofer ISI

Nov 2022 - now · Master thesis · Germany

Researching and developing a smart recommender for optimising household energy system.

Supervisor Dr. Songmin Yu (songmin.yu@isi.fraunhofer.de)

HCI Consultant Max Planck Institute for Meteorology

Nov 2022 - Dec 2022 · Part-time · Hamburg, Germany

Provided user-centred design consultation for developing a software tool (BORGES) that can efficiently retrieve data from simulation tests in accordance with user's research focus.

Supervisor Dr. Jairo Segura (jairo.segura@mpimet.mpg.de)

UX Researcher Favorite Medium

Mar 2022 - Apr 2022 · Contract · South Korea (remote)

Conducted heuristics and expert evaluation to identify UX & cultural issues of a client (Ableton)'s checkout flow, and provided a guideline for designing specific for APEC markets.

Interaction Designer uCloudlink

Jun 2017 - Apr 2021 · Full-time · Shenzhen, China

- Gave websites and applications flexibility to meet marketing needs.
- Improved customer's buying experience using data visualisation.
- Added remote device management feature to enhance use experience.
- Redesigned SaaS dashboards to better monitor data and spot alerts.