

YANWEI MIAO

HCI Researcher
UX Designer

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miaoyanwei.github.io

INTEREST

Sustainability in HCI, XAI, Robotics,
IoT

SKILL

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

Product Rhinoceros, SolidWorks,
KeyShot

Programming HTML, CSS, Java
Script, Bootstrap, Python, JSON

Research Tex, Microsoft Excel

ACHIEVEMENT

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

LANGUAGE

English (C1)
German (B1)
Chinese
Cantonese

EDUCATION

MSc Human Computer Interaction Siegen University

Apr 2021 - now · 2.0 (currently) · Germany

Thesis Developing effective explanations for an energy system
recommender in supporting households making sustainable decisions

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

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 · Research assistant · Karlsruhe, Germany

Researching, designing and developing a software 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 that can efficiently retrieve data from simulation tests in
accordance with the 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.
- Developed remote device management to enhance use experience.
- Redesigned SaaS dashboards to better monitor data and spot alerts.