YANWEI MIAO

HCI Researcher
UX Designer

myanwei@gmail.com
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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

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 Build an explainable energy recommendation system for
European residents

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

MA Interaction Design Loughborough University

Oct 2015 - Dec 2016 · Distinction · UK

Thesis Research and design 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 Research and design a wheelchair for older adults that can adapt
to different scenarios

Supervisor *Prof. Yanli Su (suyanli69@126.com)*

EXPERIENCE

HCI Researcher Fraunhofer ISI

Nov 2022 - now · Master thesis · Germany

Research and develop a trustful and explainable interactive energy
recommendation system that aligns with new societal trends.

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

HCI Consultant Max Planck Institute for Meteorology

Nov 2022 - Dec 2022 · Part-time · Germany

Assist meteorology scientists in developing a software that enables them
to efficiently retrieve data from simulation tests in accordance with
their research focuses.

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

UX Researcher Favorite Medium

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

Conduct heuristics and expert evaluation to identify UX & cultural
issues of a software, and provide a guideline for designing specific APEC
markets.

Interaction Designer uCloudlink

Jun 2017 - Apr 2021 · Full-time · China

Give website and applications flexibility to meet marketing needs.
Improve customer's buying experience through data visualisation.
Develop the device management feature in mobile applications.
Redesign SaaS dashboards to better monitor data and spot alerts.