

Wangli Yi

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EDUCATION

Massachusetts Institute of Technology (MIT)

Master of Science in Architecture Studies, Design and Computation | GPA: 4.9/5.0

Cambridge, MA

May 2024 (expected)

- Graduate Certificate in Technical Leadership

- Relevant Coursework: User Experience Research, Negotiation, Artificial Intelligence, Machine Learning, Augmented Reality

Southeast University

Bachelor of Engineer, Urban and Rural Planning | GPA: 3.62/4.0

Nanjing, China

June 2022

- Awards (listed 2 of 6, all in the top 5%): Silver Award for Exhibition of Architectural Design in Developing Countries (2021) | Nomination Award for International Competition on Urban Sustainability Reports (2020)

SKILLS

Design Tools: Figma, Sketch, Adobe Suite (XD, Photoshop, Illustrator, Lightroom, InDesign)

Web development: JavaScript, HTML, CSS, React.js, Node.js

AR/VR Development: C#, Unity, Vuforia, Photogrammetry, 3D Modeling

Data Analysis: Python, SPSS, Tableau, NodeBox, ArcGIS, QGIS, Global Mapper, Mapbox

Languages: Mandarin (native), English (fluent), German (basic)

RELEVANT EXPERIENCE

Startup: VOYA Trip Planner

Los Angeles, CA

Co-founder

Jan 2023 – Present

- Orchestrating a cross-functional team of 10, developing a high-fidelity mockup to help users plan trips based on maps
- Prepared analysis report by drawing comparisons between competing products based on features, advantages, unique qualities, price, and preferences to differentiate our products and services

Independent Research: Optimizing Home Workspaces

Cambridge, MA

Graduate Researcher

Sep 2022 – Present

- Developed an interactive user interface that delivers optimal layout based on each individual's preference for working from home
- Pioneered and implemented granular solutions for personal space design to improve individual's executive function and productivity
- Collected over 100 firsthand photos of individual rooms from 50+ participants, analyzed data to recognize various current patterns

UX Research, Design, and Innovation (Course Project): Parent Pilot

Cambridge, MA

User Experience Designer

Feb 2023 – May 2023

- Developed a wireframe and high-fidelity prototype with a team of 5 to support our main user group
- Interviewed and observed 20+ parents' lives with newborns to recognize their pain points
- Decoded data and identified the emotional needs of new parents with persona and journey maps

PROFESSIONAL EXPERIENCE

Xiaomi Corporation

Beijing, China

IoT Product Manager Intern

June 2023 – Aug 2023

- Pioneering deep-dive exploration of AI and LLM integration with existing IoT, developing smart home scenarios for future products
- Restructured the core services automation report per week, diagnosing and resolving errors to enhance accuracy
- Led the resolution of client-side reported errors through granular analysis, produced product requirements documents

Independent Research: Emotional Design of Campus Open Space

Nanjing, China

Designer and Analyst

Oct 2021 – Nov 2021

- Established a systematic and computational approach to enhance the individual's experience in space, received high recognition at 2022 DF Conference
- Conceptualized the collection of over 500 firsthand photos of spaces, leveraged user data with psychology principles to deliver computer vision and machine learning assessment to find the relation between an individual's feelings and space features
- Utilized advanced GIS tools to create spatial-temporal maps, identifying user behavior patterns and segmented needs

National Undergraduate Training Program for Innovation and Entrepreneurship

Nanjing, China

Research Assistant

Sep 2018 – May 2021

- Conducted extensive field research and interviews in over 20 villages, established a benchmark database for rural area
- Spearheaded the design of covers and the layout of internal pages for the "Rural Advocacy" brochure, enhancing visual appeal
- Wrote and published "Rural Advocacy", and "Shaoxing Taimen", and submitted two academic papers with a team of 5
- Leveraged MECE framework to analyze industrial strategies across 100+ global villages to compile rural development guidelines