

Tongyu Lian

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EDUCATION

University of Michigan, Ann Arbor, MI

Sept. 2021-May.2024

Master of Science in Information - MSI, User Experience (UX) Design

- **Course Highlights:**

Introduction to Interaction Design, Contextual Inquiry and Consulting Foundations, Needs Assessment and Usability Evaluation, Pervasive Interaction Design, Web Design: Responsiveness and Accessibility, Programming I, Servers, The Shell, and Git

Master of Landscape Architecture - MLA, Landscape Architecture

- **Course Highlights:**

Ecology: Concepts and Applications, The Science and Practice of Social Change, Sustainable Sites and Historical Precedent, Site Engineering, Ecological Site Design, Site Planning&Design, Intro to GIS, Modeling for Landscape Planning

Beijing Forestry University, Beijing, China

Sept. 2017-May.2021

Bachelor of Engineering - Landscape Architecture

PROJECT EXPERIENCE

Michigan Safer Opioid Prescribing Toolkit website need assessment and usability test

Feb.2023

- Finding respondents for website interactivity test
- Provide findings and feedbacks from qualitative and quantitative research

Game Encyclopedia Web Design, individual school work

Sept.2022

- Self-coded web page and designed a game encyclopedia

Sports Application design for community engagement, individual school work

Oct.2021

- Conducted a protocol design process from contextual inquiry

Greenway planning and scheme design of Cuigezhuang Township, Chaoyang District, Beijing

Feb.2021-

- Implement different types of greenway management strategies in accordance with the "Beijing-level Greenway Planning" combined with the characteristics of Cuigezhuang Township

Jun.2021

- Greenway design for the characteristic greenway in Cuigezhuang Township

"Sustainable Renewal" Community Design Festival in Shuangjing, Chaoyang District, Beijing

May.2020

- Conducting In-depth community research
- Micro-space redesign according to the status of different communities

WORK EXPERIENCE

Alibaba Group - Gaode - Ride Sharing Business Unit | User Experience Design Intern

Jun.2023-Aug.2023

- Conduct competitive analysis for ride sharing product
- Responsible for the iteration of Gaode user interface design and interaction methods
- Communicate with product managers and output visual solutions

National Forestry and Grassland Administration | National Park Office Internship

May.2021-Sept.2021

- Structured National Park related policies
- Designed logo examples for National Parks policy documents

RESEARCH EXPERIENCE

- DPSS Property Registration Qualitative Research**, Ann Arbor *Sept.2022*
- *Conducted qualitative research through the contextual inquiry method,*
 - *Analyzed the strengths and weaknesses of the registration services offered by an DPSS*
 - *Presented tailored recommendations to the client*
- Research assistant| U.S. Continental Stream Water Quality Investigation** *Feb.2022-Aug,2022*
- *Analyzed water quality data using R and Google Earth Engine*
 - *Collected relative watershed water quality data*

EXTRACURRICULAR ACTIVITIES

- Qingyun Chinese Orchestra member**, University of Michigan *Sept.2021-April,2021*
- *Performed in the New Year's performance*
 - *Performed campus Roadshow*
- President of Student Affairs Centre**, Beijing Forestry University *Sept. 2019-June.2020*
- *Plan and facilitate school activities*
 - *Manage and analysis student affairs*
- Volunteer of Beijing World Horticultural Exposition**, China *April. 2019 - May.2019*
- *Help staff of different pavillions to introduce their culture*
- Volunteer teaching in primary school in Nepal**, Nepal *Feb.2019*

TOOLS & SKILLS

Adobe & Graphic design: Photoshop, Illustrator, AutoCAD, Indesign, Figma, Sketch
Modeling: RHINO, LUMION, SketchUp
Geographical: ArcGis Pro, Google Earth Engine
Coding: Python, HTML, JavaScript
Language: English, Mandarin, Japanese(N2 level)