

# Meixuan(Lucy) Li

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## Education

**Carnegie Mellon University | 2019 – Present (Expected 2023)**

Bachelor of Science in Information Systems; GPA: 3.73

## Research Experience

**Using Technology to Support Motivational Interviewing (MI) Reflection | 02/2021 – 05/2021**

Learned methods that may be helpful in facilitating reflection and understanding novice helpers' needs and challenges faced when improving MI by literature review and interviews. Designed technological tools to facilitate MI reflection for novices.

**Account Sharing in Romantic Relationships | 09/2020 – 03/2021**

Developed two romantic probes (web applications) to help couples understand each other's account sharing and account security practices. Discussed design opportunities to support couples' account sharing and account security, as well as methodological implications for studying social groups' perspectives on technology.

(In review) Junchao Lin, **Meixuan Li**, Luke R Arney, Jason I. Hong, Laura Dabbish. "Romantic Couples' Perspectives on Account Sharing: A Romantic Probe Study." Submitted to PCS Precision Conference (DIS 2021)

## Projects

**Ruby on Rails Web Development Project | 02/2021 – 05/2021**

Designed databases and use cases for science quizzing. Developed a website that supports science quizzing mechanics using Ruby on Rails

**User-Centered Research and Design | 02/2021 – 05/2021**

Designed tools to help home buyers make financially sound decisions using user-centered research methods, such as stakeholder mapping, journey mapping, think-aloud protocol, contextual inquiry, affinity clustering, speed dating, rapid prototyping, and usability testing

**Machine Learning Project | 12/2020**

Used machine learning tools and techniques to predict whether a cancer patient is having emotional support by using characteristics of messages from online cancer support groups

**Database Development Project | 04/2020**

Built a MySQL database for vintage car sales and analyzed performance with SQL queries

**Web Development Project | 04/2020**

Created a business website for Blue Monkey Tea Pittsburgh from scratch using HTML, CSS, and JavaScript

**Hackathon | 02/2020**

Built a website to gather free food opportunities across campus within 24 hours. Responsible for back-end development such as email scraping with imaplib and analysis with regular expression

**Game Development Project | 12/2019**

Built an obstacle game with PyAudio that was designed based on an input music and controlled with player's real-time voice

## Work Experience

**iOS App Developer | 05/2021 – 09/2021**

Participated in an iOS app development with SwiftUI and Firebase

**Web Designer | Technology Consulting in the Global Community | 08/2020 – 12/2020**

Designed and created web pages with Wix

**Creative Content Producer | Smart Futures | 05/2020 – 08/2020**

Planned, designed, and created educational videos on business plan and career paths for middle and high schoolers using PowToon