Meixuan (Lucy) Li

https://lmxlucy.github.io/Portfolio

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EDUCATION

- **Carnegie Mellon University** — Pittsburgh, PA
  Bachelor of Science in Information Systems — *May 2023*
  - **GPA**: 3.76 / 4.00

PROJECTS

- **iOS App Design and Development** — Sep 2021 – Dec 2021
  - Planned out the app, a learning community using the infinite scrolling feature of TikTok for knowledge, and collected user data for product validation
  - Created a set of wireframes and iterated based on user feedback
  - Contributed 5000+ lines of code: led front-end development and participated in back-end development
  - Presented to the Capital One Technology Group and won a Capital One award

- **Mission Control Interface Design** — Sep 2021 – Dec 2021
  - Researched on autonomous trucking
  - Communicated with and reported to our customer, Daimler, on the interface design
  - Designed and iterated on the prototype

- **Web App Design and Development** — Sep 2021 – Nov 2021
  - Created a set of prototypes for a bake shop website with dynamic online ordering and iterated based on heuristic evaluation and user feedback
  - Developed the website using HTML, CSS, and JavaScript

- **User-Centered Research and Design** — Feb 2021 – May 2021
  - Drafted a project plan to guide the research process
  - Conducted background research, think-aloud studies for generative research, and contextual inquiry to learn about the problem space, define area of focus, and identify design opportunities
  - Created storyboards demonstrating various solutions for each user need and conducted speed dating sessions to get feedback
  - Designed a prototype of our final product and iterated on the prototype based on testing

RESEARCH EXPERIENCE

- **Using Technology to Support Motivational Interviewing (MI) Reflection** — Feb 2021 – May 2021
  - Conducted literature reviews and user studies to understand novice helpers' needs and challenges when improving their MI skills
  - Designed technological tools to facilitate MI reflection for novices

- **Account Sharing in Romantic Relationships** — Sep 2020 – Mar 2021
  - Led development of two romantic probes (rails web applications) to help couples understand each other's account sharing and account security practices
  - Helped design and conduct user studies and analyzed results
  - Helped draft paper for the study

SKILLS

- **Programming Languages**: Python, Swift, Ruby on Rails, HTML, CSS, JavaScript, SQL, VBA, MATLAB
- **Technologies & Tools**: Git, MySQL, PostgreSQL, MongoDB, Weka, LaTeX, Figma, Adobe InDesign