Lina Iyer

New York, New York | linaiyer@umich.edu | 2485334259 | https://tinyurl.com/linaiyer

linkedin.com/in/lina-iyer | github.com/linaiyer

Education

University of Michigan - Ann Arbor, BS in Computer Science 2027 Aug 2023 – May 2027

- **Relevant Coursework:** EECS 280: Programming and Intro Data Structures, EECS 203: Discrete Mathematics, EECS 281: Data Structures and Algorithms, EECS370: Intro to Computer Organization, EECS388: Introduction to Computer Security, EECS 482: Introduction to Operating Systems

Work Experience and Leadership

Code For Nonprofit, Co-Founder 2018 – Present

- Coding Apps, Managing Updates, and Increasing Accessibility

Student Wellness and Leadership Movement, Co-Founder and Team Coordinator 2020 – 2023

- Led a team overseeing client communications by organizing and directing weekly meetings, delegating tasks, and conducting one-on-ones.

Project Experience

HFNMeditate, Backend Developer June 2023 – Aug 2024

- Engineered a 4-week in-app meditation program using Flutter, integrating video content, user authentication, and real-time data collection via Firebase Authentication and Realtime Database to support an IRB-approved research study.

HFN App, Backend Developer June 2024 – Aug 2024

- Developed a mobile research app using Flutter to streamline participant access to meditation training, including video content delivery. Integrated Firebase Authentication and Realtime Database for secure login and dynamic data handling.

BLUELab Metro Solar Team, Member September 2024 – Present

- Partnered with Willow Run Acres to engineer solar-powered picnic tables for sustainable outdoor use. Created detailed CAD designs in Fusion 360 and performed solar energy and battery storage calculations to ensure efficient power utilization.

Behind the Bill | AI4Legislation Competition, Full-Stack Developer and Designer May 2025 – Present

- Full-stack web application using React, Tailwind CSS, and Node.js to fetch and visualize legislative data via the ProPublica API, allowing users to see issue-specific impacts of bills. Integrated OpenAI's GPT API for a chatbot explainer that answers policy questions in plain language.

Designing Human-AI Collaboration for Establishing Ground Truth, May 2025 – Present
Research Assistant at University of Michigan

- Designing an uncluttered UI for vision/audio-based annotation and evaluating when AI models can be selectively integrated to assist annotators under Prof. David Jurgens

Publications

Loneliness Research Study, Developer and Co-Author, doi:10.1111/aphw.12360 2020

Self-Care Through Heartfulness Study, Developer and Co-Author, 10.2196/56355 2021

CVS Wellness Study, Developer and Co-Author, 10.14309/ctg.0000000000000711 2023

Technologies

Languages: Java, C++, Flutter, C, JavaScript, HTML/CSS, Python, React, SQL, Tailwind CSS

Technologies: VSCode, Android Studios, XCode, Firebase, Git/Github