

# Sohini Kar

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## Education

### Massachusetts Institute of Technology

**Major:** Computer Science, Minor: Brain and Cognitive Science

August 2018 - May 2022

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## Skills

**Computer Languages:** Python, Java, Matlab, Julia, LaTeX, HTML, CSS, Javascript

**Technologies and Libraries:** ReactJS, Material UI, Vectornator, Keras, Figma, Flask, Firebase, Origami Studio, Adobe XD, Procreate, Adobe Fresco, Adobe Premiere Rush, Canva

**Languages:** English, Bengali, Spanish, Hindi, Russian (Beginner)

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## Experience

### 1Day Sooner

Remote

UI/UX Designer, Develop for Good

August 2020 - present

- Ongoing projects to improve website, including data visualization features, volunteer hub, and research hub for COVID-19 resources
- Working on website design, creating user flow diagrams based on user personas, designing prototypes based on user data analytics, and building web pages with a CMS

### Venmo Redesign

Cupertino, CA

Personal Project, [sohinik.github.io/venmoredesign.html](https://sohinik.github.io/venmoredesign.html)

June 2020

- Unsolicited redesign of Venmo App, used Figma, Origami Studio, and Canva
- Conducted UX research, developed user personas and created app workflow using Canva, built wireframes and mock UI with Figma, and created working prototype with Origami Studio

### Confluent

Mountain View, CA

Backend Software Engineering Intern, Tools Team

May 2020 - August 2020

- Created web application to pull organization event data from GitHub to post to Kafka cluster
- Use GitHub App to post event data to payload, authenticated and pushed payloads to appropriate Kafka topics using Python

### NASA Jet Propulsion Laboratory

Los Angeles, CA

Software Engineering Intern, Search Team

June 2019 - August 2019

- Developed new UI to display holistic information about images in search system, learned about creating effective interfaces and UX research
  - Created image search engine front-end using React.js to query for images from Elasticsearch cluster with 10,000+ images for use by 6,000+ people at JPL
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## Leadership and Awards

**Campus Involvement:** Founder and President of UI/UX @ MIT, Director of Technology for MIT Model UN, Marketing Chair for Machine Intelligence Committee

**Awards:** Figma Sponsored Award at hACCESS for AccessiLink 2020, Best Domain at Hack Girl Summer for Safe Space 2020, National Merit Scholarship Winner 2018, Regional Finalist for Siemens Competition 2017, The President's Volunteer Service Award Gold 2017+2018