

MIRANDA LUONG

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Education

Carnegie Mellon University

Pittsburgh, PA
Bachelor of Design, 2021
Minors in Human-Computer Interaction and Physical Computing
Certification in CITI Human Subjects Training

Experience

Siemens Healthineers - visual and interaction design intern

June 2021 - December 2021

Concept and develop UI/UX workflows and prototypes for an upcoming desktop application to be used in clinical environments.

Learning Media Design Center — interaction design researcher

January 2020 - June 2021

NSF-funded Smart Spaces for Making:

- **MakerCards:** led the research and UI/UX design of an electronic component learning tool deployed in CMU's Physical Computing department
- **QV Documentation Kit:** directed the design and production of a educational poster kit for 100 students of Quaker Valley High School's SDL course
- **CMU Physical Computing Lab:** researched and designed an IoT ecosystem that supports information-sharing in maker-spaces

Parthean — design consultant

February 2020 - August 2020

- **Google for Education:** conducted user experience audits, competitive research and presented recommendations to internal teams
- **Android:** designed educational decks for upcoming outreach event
- **Educator Incubator Program:** led 6-week program for 15 platform educators in branding, marketing, and content development
- **Community Feed UI/UX:** co-led the design and development of the platform interface's for the student community-learning experience.

CMU Human Computer Interaction Institute — HCI design researcher

May 2019 - August 2019

- **NSF-funded ClassInSight:** designed key data visualizations in p5.js to be used in a personal informatics tool for teachers
- **DRRP-funded research:** conducted contextual research and interviews

Skills

Design Research	Adobe CC	Axure / Figma / Invision
Digital Prototyping	Fusion 360	OpenFrameworks
Storyboarding	SketchUp	HTML/CSS
Physical Computing	Unity	Processing/p5.js

Honors

+ Publications

1st Place, 2019 Deloitte CMU Undergrad Case Competition

5th Place, 2019 Uber Brand X National Experience Design Challenge

Dean's List, Spring 2019 - Spring 2020

MakerCards, ACM IDC 2021, Connected Learning 2021

COVID-19 Tracker, Popular Mechanics, Pittsburgh Current