

Samantha CL Ho

Industrial Design and Technology

<http://saho.studio>

saho@cmu.edu

818.385.5441



Education

Carnegie Mellon University, 2020

BXA: Industrial Design +

Mechanical Engineering double

minor: HCI + physical computing

permanent U.S. resident

Skills

User-Centered Design

User Research

Agile Project Management

Hand-Sketching and Rendering

Rapid Physical Prototyping

Soft Goods Fabrication

Machining

Lasercutting/ 3D Printing

Wireframing

Adobe Creative Suite

Solidworks | SketchUp

MatLab

Fusion360 | Rhino

Honors

Google Selected Winner

Most likely to make tangible and lasting change

TartanHacks (feb 2017)

National Finalist

National YoungArts Week 2016

Languages

French

Cantonese

html/css/js

python

c++

Experience

Autodesk | (current)

Fusion 360 Catalyst

Autodesk sponsored research with additive printing and 3D embedded circuits. in the context of footwear.

Scheduled to share and talk about my research at

Autodesk University in Las Vegas in November 2018.

Additionally provide technical support and connections

to students and faculty at CMU, as well as lead software

training workshops for the campus community.

Square Design Inc | (summer '18)

Experience Design Consultant

Created physical environments through CAD and

physical fabrication. Incorporating technology and

visual storytelling, worked on a small team with varying

fabrication methods, most notably on the *Adidas P.O.D.*

system and *American Express Experience*.

Warner Bros. | (summer '17 - may '18)

Consumer Product Development Intern

Developed innovative product concepts incorporating

tech and innovation, practicing storytelling through

integrative product development. Assisted in creating

digital experiences and visuals for an integrated AR ride

for Warner Bros. World in Dubai.

Carnegie Institute of Technology | (nov '16-current)

Teaching Aide and Lab Attendant

Help teach a graduate level engineering course

focused on design research and practice. Also conduct

web design and content updates for the engineering

website.

Glenair | (summer '16)

Product Engineering and Marketing Intern

Developed catalog pages, and sales drawings in

Solidworks and Illustrator alongside mechanical

engineers for the company.