

Samantha CL Ho

Industrial Design and Technology

<http://saho.studio>

saho@cmu.edu



Education

Carnegie Mellon University 2020

BXA: Product Design and Mechanical Engineering double minor: HCI and physical computing

Skills

Hardware Electronic Prototyping
Wood/Metal/Foam Fabrication
Hand-Sketching and Rendering
Rapid Physical Prototyping
Soft Goods Fabrication
Lasercutting/ 3D Printing

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

Cantonese
French

html/css/js
python
c++

Experience

Walt Disney Imagineering | (summer '19)

Advanced Creative Technology Intern

Supported on-site prototypes through wiring, soldering, high-fidelity manufacturing. Worked heavily on an augmented reality visualization tool.

Autodesk | (oct '18 - may '19)

Fusion 360 Catalyst

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

saho L.L.C. | (summer '18)

Experience Design Consultant via Square Design Inc.

Created physical environments through CAD and physical fabrication. Incorporating technology and visual storytelling, worked with clientele, 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)

Researcher and Teaching Aide

Provide design support in biomedical engineering research. Help teach a graduate level engineering course focused on design research and practice.

Glenair | (summer '16)

Product Engineering and Marketing Intern

Developed catalog pages, and sales drawings in Solidworks and Illustrator alongside mechanical engineers for the company.