



VIVIAN QIU

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Carnegie Mellon University '17
References upon request

INDUSTRIAL DESIGN & INTELLIGENT ENVIRONMENTS

I'm a Carnegie Mellon industrial design graduate with an intelligent environments concentration. I curate experiences through design, creating artifacts to shape human behavior and values. I thrive in 3D form-giving and use design to develop, analyze, and refine systems in physical and digital space. As a designer, I aim to make products that uphold the integrity of their environment and their users.

EXPERIENCE

Senior Showcase

Lead Curator June 2016 - December 2016

I curated works by CMU's Design Class of 2017, displayed in CMU's Miller Gallery. I led theme development and way-finding. This involved leading a team and collaborating with a branding team to design a comprehensive gallery experience.

Carnegie Mellon Racing

Lead Designer August 2016 - May 2017

I designed and manufactured the exterior body of Carnegie Mellon's fourth fully electric race car, in conjunction with electrical and mechanical engineers. I also led team branding, website design, and a build-document that details each system of the car.

UPenn: mLab & xLab

Industrial Designer June 2016 - August 2016

xLab focuses on enhancing human experience in media and entertainment. mLab works in autonomy, biomedical engineering, and energy systems. I worked with researchers to conceptualize and prototype implementations of the technology developed by the lab.

Hellman Chang Furniture

Design Intern June 2015 - August 2015

I worked in studio photography, inventory, marketing materials, concepts for custom pieces (sketches, shop drawings, renderings), client presentations for custom furniture proposals (Solidworks, Keyshot), and fabrication.

Carnegie Mellon University

Machinist August 2014 - August 2016

My responsibilities include administrative work, machining, 3D printing. Machinery used include manual mill, CNC mill, drill press, laser cutter, Objet 3D printer.

EDUCATION

Carnegie Mellon University | 2013 - 2017
BFA in Industrial Design
Intelligent Environments Concentration
Pittsburgh, PA

Parsons The New School | Pre-College 2012
Drawing and Painting Concentration
New York, NY

Carnegie Mellon University | Pre-College 2012
Industrial Design Concentration
Pittsburgh, PA

EXPERIENCE

Woodworking
Machining
Glassblowing
Composites
MIG/TIG Welding
Powder-coating
Sewing

LANGUAGES

English
Mandarin
Cantonese

TOOLS

Design Research
Concept Mapping
Sketch Rendering
Physical Prototyping
Digital Modeling
Studio Photography
Adobe Suite
SolidWorks
Keyshot