



# 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

Reimagine End of Life

**Experience Designer** January 2018 - June 2018

I worked with a team to curate 175+ pop-ups around San Francisco that explored death through art, talks, comedy, meditation, and more. I designed a physical artifact for visitors to take home to help process their experience and prepare for their own end of life.

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