

JAKE PILL

CONTACT

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EDUCATION

Rhode Island School of Design
Providence, RI 2013 - 2017
BFA Industrial Design

CONANT METAL AND LIGHT

Industrial Designer
Fall 2017 - Present

As a small company my roll at Conant spans more areas than I can list. I work primarily on design, project management and fabrication for all manner of custom lighting and metalworks. I also do R&D / DFM for small scale contract manufacturing. All aspects of my work involve collaboration with coworkers and clients on design requirements and production processes.

RISD / HI-SEAS COLLABORATION

MS1 Space Suit Simulator
Summer 2016 - 2017

Worked with RISD professor M. Lye, designing and machining parts for a spacesuit simulator. The suit is to be used in the NASA funded, HI-SEAS mars simulation missions. Parts were made using CNC and manual machining processes.

PILL-MAHARAM ARCHITECTS

Graphic and Web Design
Summer 2017

A complete redesign of Pill-Maharam Architects website using mostly existing content and the Wix platform.

RISD ID DEPARTMENT

Shop Monitor
2015 - 2017

Assisting students in use of machines and tools, as well as providing guidance on projects. Other tasks include: machine maintenance and repair, design and fabrication of new shop tools, general shop organization and upkeep.

MAKE ARCHITECTURAL LTD.

Metal Fabrication
Summer 2016

Fabrication of high end, finished metal architectural components. Manual machining, cutting, welding, sanding, polishing and other finish work.

R&D

User centered design thinking
User research
Concept generation
Design for manufacturability
Hardcore problemsolving

PHYSICAL

Metalworking
Woodworking
Rapid Prototyping

DIGITAL

Solidworks
Adobe Creative Suite
Google Sketchup
Rhinoceros
Onshape
Microsoft office etc.