

# FROMM

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*Niles Fromm is an Industrial Designer and Creative Technologist based in Brooklyn, NY. Working in a variety of mediums, he creates objects and experiences that merge the physical and digital.*

## Experience

### **Fromm Design - Brooklyn, NY**

*Freelance Design & Creative Tech 11/2021 - present*

- Sound design and custom hardware for Audio/Visual installations
- Web design & development with a focus on interactive WebGL experiences
- GLSL shader programming
- Set Design and Fabrication for Film and Photo
- CAD development and custom electronics for lighting and hardware projects

### **Patten Studio - Brooklyn, NY**

*Designer / Creative Technologist 08/2019 - 11/2021*

- Design, fabrication, installation of interactive and kinnetic installations
- CAD design of parts files for manufacture
- Research and prototyping software and electronic based projects
- Blender mockups and renders to show large scale installations

### **Standard Transmission - Brooklyn, NY**

*Creative Technologist 10/2018 - 8/2019*

- Design and fabrication of interactive and kinnetic installations
- Soldering and installation of LED lighting for window displays

### **Freehand Metalworks - Brooklyn, NY**

*Welder / Fabricator 01/2017 - 08/2017*

- Fabrication of Furniture, Lighting, and architectural metal work.

## Selected Exhibitions

**MODA Full Circle: Design Without End 2022**

**HeadHi LAMP Group Show 2021 & 2022**

**Dutch Design Week What a Waste 2021**

**NYC Design Week Radiator Show 2021**

**LightBox NYC Creative Code Festival 2020**

## Education

### **Pratt Institute - Brooklyn, NY**

MID Masters of Industrial Design  
2016 - 2019

### **Keio University - Tokyo, Japan**

GID Global Innovation Design  
Spring/Summer 2018

### **Royal College of Art - London, UK**

GID Global Innovation Design  
Fall 2017

### **Richmond University - London, UK**

Study Abroad Program  
Fall 2014

### **Champlain College - Burlington, VT**

BFA Graphic Design & Digital Media  
2012 - 2016

## Skills

### **Hardware:**

Woodshop  
Metalshop  
Arduino  
Raspberry Pi  
PCB Design  
Soldering  
CNC  
3D Printing  
Lasercutting  
LED lighting

### **Software:**

Rhino  
Solidworks  
Blender  
Figma  
Illustrator  
Photoshop  
AfterEffects  
InDesign  
Fusion 360  
KeyShot

### **Code:**

JavaScript  
HTML / CSS  
GLSL  
C++  
Python

### **Audio:**

MAXMSP  
Ableton Live  
PureData  
Eurorack  
Teensy