

FROMM

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

Experience

Fromm Design - Brooklyn, NY

Freelance Developer & Creative Tech 11/2021 - present

- Front-end development using React (Next.js/Gatsby), Svelte, and TypeScript
- Web design & development with a focus on interactive WebGL experiences
- GLSL shader programming
- Sound design and custom hardware for Audio/Visual installations
- 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
Minor Web Development
2012 - 2016

Skills

Code:

React
Svelte
HTML / CSS
JavaScript
TypeScript
GLSL
C++
Python

Audio:

MAXMSP
Ableton Live
PureData
Eurorack
Teensy

Software:

Figma
Illustrator
Photoshop
AfterEffects
Blender
InDesign
Rhino
Solidworks
Fusion 360

Hardware:

Woodshop
Metalshop
Arduino
Raspberry Pi
PCB Design
Soldering
LED lighting