

Nicolás Escarpentier

+1 (929) 225 9251
npescarpentier@gmail.com

nicolaspe.com
github.com/nicolaspe

New media artist focused on creating audiovisual experiences that augment and create non-conventional forms of expression and activism tools.

Education

New York University

New York, NY | May 2018

Interactive Telecommunications Program
Master's candidate
Tisch School of the Arts

Pontificia Universidad Católica

Santiago, Chile | Dec 2013

Structural Civil Engineer
Professional and Bachelor's degree

Skills

Programming

Javascript (three.js, p5)
HTML/CSS
Python
Processing
MaxMSP + Jitter
Matlab

Unreal Engine
C++ (oF)
C#
Node.js
OSC

Design

DaVinci Resolve
Photoshop/GIMP
AutoCAD

After Effects
Illustrator

Prototyping

Arduino
Woodshop

Laser Cutting
3D printing

Emerging Technologies

Virtual Reality
Mesh networks
Wearables

Projection mapping
IoT
Motion Capture

Languages

Spanish: Mother tongue
German: Intermediate (*Sprachdiplom II*)

Relevant Coursework

Advanced Programming	Computational Media
Physical Computing	Intro to Fabrication
Animation	Open Source Cinema
Algorithmic Composition	Synthetic Architecture (VR)
Expressive Interfaces: Fashion	

Projects & Exhibitions

Coalition

Fall 2018

An interactive experience on exploration, expression and dance that foregrounds motion as a core element of identity. Via physical traceable controllers, users trigger diverse motion captured performances projected on layered columns of fabric.

Collected Ego

Fall 2018

A large scale audiovisual short about finding balance between self-discovery while relating to society, combining motion capture animation and live footage. Presented on the 120' wide wall screen at the IAC Building

Everyday Windows

Fall 2017

A set of VR experiences to reflect on the sociopolitical aspects of everyday sexism. Project built on three.js and WebVR on a node server and connected to a physical Arduino-based controller via WebSockets. Exhibited at the ITP Winter Show 2017.

Experience

Girls Who Code

Jul 2018 - Aug 2018

New York, NY | *Summer Immersion Program Instructor*

Taught 20 high school girls 5 different programming languages over the course of an intensive 7 week program. Oversaw their progress, guided field trips and mentored them on their final projects presented to our partner, Kate Spade.

New York University

Jan 2018 - present

New York, NY | *ITP Shop & Equipment Monitor*

Assisting students on the correct usage of laser cutters, wood shop and other production tools. Supervision of safety and security in the shop. Maintenance of fabrication tools and audiovisual equipment.

Observatory Against Street Harassment

May 2016 - Sep 2017

Santiago, Chile | *Communications Volunteer*

Creation and edition of educative and challenging articles/columns to build empathy and convey problematic behaviors. Composition of high-traction viral videos prompting society to take action, shared on 13 major national news media sites.

Valladares Pagliotti & Associates

Jul 2014 - Apr 2016

Santiago, Chile | *Structural Engineer*

Leading and managing multidisciplinary teams, projects and clients in more than 15 engineering projects. Identifying and adapting adequate solutions, reaching agreements on all sides.