OSKAR GARCIA

WEB DEVELOPER AND DESIGNER

Links
https://math-in-motion.github.io/early-demo/
https://www.behance.net/oskar-garcia
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(619) 538-5362

RELEVANT EXPERIENCE

Math in Motion, Processing Foundation | Co-Creator
New York, NY | May 2019 – Present

- Designed and developed an open-sourced math editor which makes it easier for people to work with math symbols on the web.
- Project funded by Google Summer of Code and the Processing Foundation for the P5.js creative coding environment.
- Google Summer of Code Scholar.

Uno16 Magazine, Columbia University | Creative Director
New York, NY | Sep 2018 – Present

- First cultural magazine edited in Spanish by undergraduate students at Columbia University.
- Designed and implemented the magazine's brand including brand name, brand identity, content styles, and graphic assets.
- Designed and developed the magazine's website and content.
- Recognized by the Department of Latin American and Iberian Cultures at Columbia University.

Mink Bariatrics | Lead Developer & Creative Director
San Diego, CA | Sep 2015 – Aug 2017

- Designed and implemented a web service for educating people about obesity, related illnesses, and bariatric surgery.
- Carried out user research and identified pain points affecting both patients and healthcare team, identified solutions.
- Developed a content strategy for optimizing communication between patients and care providers.
- Created an entire series of illustrations and motion graphics for the project. 100+ original artworks.
- Programmed the site using JavaScript, HTML, CSS, and Bootstrap.
- Outcomes: Increased patient satisfaction rate, increased referral rate, shortened first-time patient visits, increased first-time patient retention.

Cure Cervical Cancer | Designer – Volunteer
Beverly Hills, CA | Dec 2016 – Mar 2017

- Managed the communications team throughout the design and production of the foundation's annual report.
- Designed and animated a series of motion graphics to promote Cervical Cancer prevention. Most popular media assets to date.
- Increased donation rates and community engagement.

ABOUT OSKAR

I dove into computation because it provides an unparalleled medium for asking brilliant questions and generating beautiful answers. I enjoy coffee, all types of food, and getting lost in New York City with good company and no plan—which can have its perils, but is totally worth it.

EDUCATION

Columbia University
New York, NY | Sep 2017 - Present
B.A. Computer Science
– Vision, Graphics & HCI Track
– Minor in Data Science

Relevant Coursework
- Introduction to Computer Science and Programming in Java
- Introduction to Computing for Engineers and Applied Scientists
- Data Structures in Java
- Discrete Mathematics
- Data Visualization for Architecture, Urbanism, and the Humanities
- Symbolic Logic

SKILLS

Web
Front-End Development
Data Visualization
UX/UI Design

Formative Research
User Interviews
Surveys / Observation
Focus Groups
Competitive Analysis

Generative Research
Affinity Diagramming
User Personas
Journey Mapping
Iterative Prototyping

Summative Research
Usability Testing
Heuristic Evaluation
Cognitive Walkthrough
A/B Testing

Languages
English, native fluency
Spanish, native fluency

TOOLS

Code
JavaScript
Python
HTML/CSS
React.js

Design
Sketch
Adobe CC

Prototyping
Framer
After Effects
Lottie

TL;DR
Laid back, but extremely curious.
Future mixed reality developer.
Would love an opportunity to visit.
Invented the term 'Dynatorics.'