

# OSKAR GARCIA

WEB DEVELOPER AND DESIGNER

## RELEVANT EXPERIENCE

**Google Summer of Code, Processing Foundation | Co-Creator**  
New York, NY | May 2019 – Present

- Designed and developed *Math in Motion*, an open-sourced math editor which makes it easier for people to work with math symbols on the web. Imagine a code editor, but for math.
- Project funded by Google Summer of Code and the Processing Foundation for the p5.js creative coding platform.
- Google Summer of Code Scholar — Original project, ongoing.

**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—it can have its perils, but is totally worth it.

### Links

<https://github.com/math-in-motion/early-demo>  
<https://math-in-motion.github.io/early-demo/>  
<https://www.behance.net/oskar-garcia>  
og2236@columbia.edu  
(619) 538-5362



## EDUCATION

**Columbia University**  
New York, NY | Sep 2017 - Present  
B.A. Computer Science  
– Graduating May 2021  
– Vision, Graphics & HCI Track  
– Minor in Data Science

### Relevant Coursework

- Evolutionary Computation and Design Automation
- 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

## 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.  
Invented the term ‘Dynatorics.’