



Douglas O. Sanchez

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Education

Cambridge, MA
4.3/5.0 GPA
06/14

Massachusetts Institute of Technology
B.S. in Engineering - Product Engineering & Design
by the Department of Mechanical Engineering

Experience

Somerville, MA
03/15 - Present

Design Lead
Tulip - TULIP.CO

- Lead design at an early stage startup from pre-seed round, through series A, to the present.
- Created internal processes and tooling to help engineers design better.
- Mentored and managed design across hardware and software teams.

Cambridge, MA
06/14 - 02/15

Product Design Teaching Staff
MIT Department of Mechanical Engineering - WEB.MIT.EDU/2.009

- Mentored senior undergraduate students through the product design process from ideation, sketch models, mock-ups to final presentations.
- Assisted professor in preparation of daily lectures and lead tutorials on software for digital and physical product design.

Cambridge, MA
05/14 - 08/14

Web Accessibility Advocate
Accessibility and Usability at MIT - UX.MIT.EDU

- Designed print and digital templates for website accessibility and usability reviews.
- Ensured print and digital products followed Web Content Accessibility Guidelines (WCAG) and were accessible by modern assistive technology.

Cambridge, MA
09/11 - 05/14

Senior Visual Designer
MIT Women's and Gender Studies Program - WGS.MIT.EDU

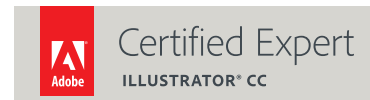
- Branded the ideals of MIT's Women's & Gender Studies program through various print and digital media.
- Developed media that supports gender, racial, sexual and social equality.

Santiago, Chile
05/12 - 08/12

Computational Typographer
Diseño de Información & Estudios Tipográficos UC - DET.CL

- Increased typography design workflow by creating python scripts to automate repetitive tasks.
- Translated python tutorials to Spanish for continuing education students enrolled in Diplomado en Tipografía (Diseño de Fuentes Digitales) which included personally created typographic effect and process scripts.

Skills



Visual Design

Illustrator, Sketch, Photoshop, InDesign, Acrobat, FontLab Studio

Web Design

HTML, CSS, Bootstrap, LESS, SCSS, Handlebars, Processing, JS, Angularjs, Meteor, ReactJS

Programming

Git, Github, Python, Arduino, Rhinoscript, VBScript

Rapid Prototyping

Software

Marvel, Invision, Adobe XD

Hardware

Laser Cutter, 3D Printing, CNC Router, Waterjet

Mechanical Design

SolidWorks, AutoCAD, MasterCAM, Rhino

Languages

English, Español

Projects

SVG.EXPERT
HUMANO.STUDIO