

Lenny Martinez Dominguez

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Education

Delft University of Technology (TU Delft), Delft, The Netherlands
Faculty of Industrial Design Engineering
Candidate for MSc. in Design for Interaction, 2021–Present

Syracuse University, Syracuse, NY, USA
S.I. Newhouse School of Public Communications
M.S. in Visual Communications, 2017–2019

Massachusetts Institute of Technology (MIT), Cambridge, MA, USA
School of Engineering
S.B. in Mechanical Engineering, 2013–2017

Professional Experience

Freelance Design & Development, Remote
Independent Contributor, 2020–Present

- Collaborate to design, develop, and test interactive visualizations for web platforms
- Clients include: Patient-Centered Outcomes Research Institute, University of Miami COVID-19 Observatory, Women Photograph, and MDB, Inc.

Carnegie-Knight News21, Phoenix, AZ, USA
Journalism Fellow, January 2018–August 2018

- Designed and programmed interactive story, The State of Hate
- Built a database of federal cases involving hate crime laws by analyzing press releases and court documents
- Interviewed and photographed over 50 people during a 7000-mile road trip across the U.S.

Massachusetts Institute of Technology, Cambridge, MA, USA

Teaching Assistant for Product Engineering Processes, August 2018–January 2019

- Offered 171 students a unique, hands-on educational experience in developing new consumer products in a capstone design course
- Developed and sustained an environment committed to student learning and excitement about engineering
- Created branding and theming for the class through photography, videography, and graphic design elements

University of Miami Information Technology, Miami, FL, USA

XR Developer, January 2020–August 2020

- Led a team of five developers and designers to build an augmented reality application for surgeons to facilitate referencing CT and MRI scans during surgery

Media-Nxt, Syracuse, NY, USA

Graduate Research Assistant, February 2019–May 2019

- Investigated startups working within the media industry with AI to forecast the future of the technology in communications

Teaching Experience

University of Miami, Miami, FL, USA

Lecturer, Departments of Journalism, Interactive Media

Summer 2021: Web Lab

Spring 2021: Web Lab, Advanced Infographics and Data Visualization, Data Journalism

Fall 2020: Web Lab, Data Journalism, Introduction to Infographics and Data Visualization

Spring 2020: Web Lab, Advanced Infographics and Data Visualization

Fall 2019: Web Lab, Data Journalism

Delft University of Technology, Delft, The Netherlands

Graduate Student Assistant, Faculty of Industrial Design Engineering

Spring 2022: eHealth; Deep Dive

Massachusetts Institute of Technology, Cambridge, MA, USA

Teaching Assistant, Departments of Mechanical Engineering, Electrical Engineering and Computer Science, and Comparative Media Studies

Fall 2018: Product Engineering Processes (full-time)

Spring 2017: Toy Product Design; Documentary Photography and Journalism

Fall 2015: Engineering Innovation and Design

Syracuse University, Syracuse, NY, USA

Graduate Teaching Assistant, Visual Communication

Spring 2018: Multimedia Storytelling; Introduction to Graphic Design; Phone Photography and Video Workshop

Fall 2017: Introduction to Graphic Design

Publications

Martinez Dominguez, Lenny. **"Entre Las Interfaces Conversacionales y El Periodismo De Datos."**

Medium, Planeta Chatbot, 12 Feb. 2018, <https://medium.com/planeta-chatbot/entre-las-interfaces-conversacionales-y-el-periodismo-de-datos-6722362ab62b>.

Martinez Dominguez, Lenny. **"At the Intersection of Conversational User Interfaces and Data Journalism."** Medium, Medium, 9 Dec. 2017, <https://medium.com/@lennymartinezd/at-the-intersection-of-conversational-user-interfaces-and-data-journalism-44f126f6110e>.

Honors and Awards

Student Edward R. Murrow Award for Excellence in Digital Reporting — 2019

Robert F. Kennedy Journalism Award in College Journalism — 2019

Multimedia, Photography and Design Department Prize in Immersive Media — 2018

Skills

Design: Rapid prototyping, Product design, Data visualization, Visual design, Web design, UX evaluation, Participatory design, Generative design methods, Speculative design methods

Programming: Python, Arduino, MATLAB, C#

Web: HTML, CSS & SASS, JavaScript, Jekyll, Python Flask, Git

Visualization & Analysis: Excel, R, D3.js, p5.js

Adobe Suite: InDesign, Illustrator, Photoshop, After Effects, Lightroom, Premiere Pro

Languages: Spanish (Native proficiency), English (Native proficiency), Greek (Limited working proficiency), German (Limited working proficiency)