

ANA LUCÍA SANTILLÁN SANDOVAL

INDUSTRIAL DESIGNER

EDUCATION

Bachelor's Degree - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2016-2021, Queretaro, Mexico
Industrial Design.

Certificate in Sustainable Design - Istituto Lorenzo d'Medici
2020, Florence, Italy

Semester program dedicated to **sustainability studies in design and life cycle** of products and services.

Certificate in Social Innovation Design

Concentration- Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2019, Queretaro, Mexico

(Completed in 2019, awarded in 2021). Semester program aimed to provide a product or service to **rehabilitate public spaces** and **promote community building**.

DESIGN EXPERIENCE

Freelance: Editorial design - Instituto Tecnológico de Estudios Superior de Monterrey, Fanzinia student society
2022, Online, Mexico

Editorial design for academic magazine of social sciences.

3D printed Jewelry Design - Instituto Tecnológico de Estudios Superior de Monterrey, Böja 3D (Additive manufacturing company)
2021, Online, Mexico

Design of 3D-Printed Jewelry with MultiJet Fusion technology in partnership with Boja 3D (Additive Manufacturing company).

Sustainable Design - Istituto Lorenzo d'Medici
2020, Florence, Italy

Design of a **children's playground** in a housing area, capable of producing **green energy**.

Social Innovation Design - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2019, Queretaro, Mexico.

Social innovation semester project in alliance with the Government of the City of Santiago de Queretaro, **rehabilitation of public spaces**, and **community building**.

Social Innovation Design - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2019, Queretaro, Mexico

Semester project in partnership with the community Tilaco from Sierra Gorda (Queretaro), **rehabilitation of a public library**, design, and construction of furniture.

Social Innovation Design/UI design - Instituto Tecnológico de Estudios Superior de Monterrey, School of

Architecture, Art and Design
2019, Queretaro, Mexico

Community building between young people and elders through an app.

Automotive Design - Instituto Tecnológico de Estudios Superior de Monterrey, Engineering School
2018, Queretaro, Mexico

Assembly line production studies, product development, prototyping.

Medical care product design - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2018, Queretaro, Mexico

Commissioned by "Casa Hogar Juan Pablo" MOBULA; research, design, and construction of a **gurney** to transport and bathe people with cerebral palsy.

LANGUAGES & SKILLS

- Spanish(Native speaker), English(Proficient), German(Limited)
- Rhinoceros, Sketchbook, Adobe Suite(Illustrator, Photoshop, Fresco), Keyshot, Solidworks, Autocad, Fusion 360, Blender, Meshmixer, Office 365(Word, Powerpoint, Excel)
- Product Design, Sketching (Freehand/ Digital), Illustration, 3D Modeling, Prototyping, Rendering
- Sustainable Design thinking, Life cycle thinking, Attention to detail, Creative thinking, Assertive communication, Proficient communication between languages, Growth mindset, Commitment, Teamwork, Organization, Material properties knowledge, Manufacturing process knowledge

EXTRACURRICULARS

Course - CENTRO de Educación continua
2022, Online, Mexico

New business models in the fashion industry.

Workshop - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2017, San Luis Potosi, Mexico

Footwear design workshop taught by the European School of Arts and Communication's headmistress.

Bootcamp - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2017, San Luis Potosi, Mexico

Sustainable Housing Design boot camp. **Emergent Design** for natural disasters.

Bootcamp - Instituto Tecnológico de Estudios Superior de Monterrey, School of Architecture, Art and Design
2016, San Luis Potosi, Mexico

"Your first client, don't blow it", **redesign** commissioned by Kima (bamboo design company) of a **traditional Mexican toy**.