

# DOMONIQUE VALENZUELA

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Masters of Architecture candidate with a robust foundation in architectural design seeking to advance my expertise and skillset. Leveraging over four years of experience in 3D modeling and various computational software applications with a primary interest in community-driven initiatives and preservation-oriented design.

## EDUCATION:

Massachusetts Institute of Technology | *Expected graduation Spring 2026*

Masters of Architecture

77 Massachusetts Ave. Cambridge, MA 02139

GPA: 4.5

Texas Tech University College of Architecture El Paso | *Graduated Spring 2022*

Bachelor of Science: Architecture

700 W. San Francisco Ave., El Paso, Texas 79901

GPA: 3.533

## EXPERIENCE:

Undergraduate Research Assistant | *October 2020- August 2022*

Project for Operative Spatial Technologies (POST) | TTU College of Architecture Research Center

Engaged in discussions with engineers to investigate optimal structural bracing solutions that synergize effectively with the reciprocal frame shade structure integrated into the ongoing *Insights Shade Structure* project in El Paso, TX

Conducted comprehensive research and generated data mappings using informational systems to delve into a spectrum of ecological and urban conditions centered on the cities along the US/Mexican Border

Collaborated with clients, design team associates, and community members to develop various projects

TTU Historic Preservation Internship | *January 2022 – May 2022*

Insitu Architecture

Gathered on-site field measurements, generated comprehensive project drawing sets, crafted 3D models and renders, and undertook thorough historical research pertinent to the ongoing development of the La Hacienda historic preservation project situated in El Paso, TX.

TTU CoA Architecture Summer Camp Coordinator / Instructor | *June – July 2022*

Curated an educational curriculum for local high school and middle school students to introduce students to design fundamentals through hand drawings techniques, CAD software utilization, site visits, model making, and visits to local firms

## SKILLS & COMPUTATIONAL KNOWLEDGE:

Computational Software:

Rhinoceros, ArcGIS, Geographic Information Systems (GIS), Enscape, Adobe Illustrator, Adobe Photoshop, Adobe InDesign, Adobe Dimension, Adobe Aero, Autodesk Revit, Lumion, Blender, Grasshopper (Weaverbird, Heron, Elk, Ladybug, Wasp, etc.), Climate Studio, Cinema4D, photogrammetry

Language:

Fluent in Spanish, English

Proficiencies:

Visual/graphic representation, collaborative teamwork, interpersonal communication, adept time management

## AWARDS & CERTIFICATIONS:

TTU Historic Preservation Certification | *May 2022*

TTU Proven Achiever's Award Recipient | *Fall 2020 – May 2022*