JASMINE DIAZ

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EDUCATION

Columbia University — New York, NY
B.A. Architecture, B.A. English. 3.73 GPA — May 2028
Area of Concentration: Design & Media
Relevant Coursework: Advanced Architectural Design I, Art of Structural Design, Sculpture I

Design & Architecture Senior High — Miami, FL
Architecture Program Diploma — 2024
Valedictorian & Summa Cum Laude Graduate with Florida Seal of Biliteracy

EXPERIENCE

Graduate School of Architecture, Planning and Preservation, Columbia University — New York, NY
Fabrication Lab Assistant — Sep 2026 – Present

- Monitor GSAPP's Makerspace and Woodshop, operating and calibrating CNC routers, laser cutters, and FDM/SLA 3D printers to support the fabrication of architectural models and design prototypes.
- Evaluate and optimize student Rhino files for digital fabrication, troubleshooting geometric and structural errors to ensure accurate, production-ready models.

Energy, Equity, Housing and Health Program — New York, NY
Research Assistant — Sep 2026 – Present

- Lead digital outreach campaigns for Dr. Diana Hernández's E2H2 Program, connecting NYC residents with energy affordability resources and advancing equitable access to essential residential infrastructure.
- Translate Spanish-language resident interviews, documenting how housing conditions, residential energy systems, and neighborhood inequities shape the everyday experiences of NYC communities.

AECOM Inc. — Miami, FL
Architecture Intern — Aug 2023 – May 2024

- Collaborated with lead designers to conceptualize, develop, and fabricate an award-winning sculpture for the FIU Interior Design program, contributing design concepts and material selections.
- Created architectural 3D models and visualizations using Rhino, collaborating with architects and participating in client meetings, site visits, and design discussions.

RESEARCH AND COMMUNITY ENGAGEMENT

Mellon Mays Undergraduate Fellowship — New York, NY
Researcher — April 2026 – Present

- Selected as 1 of 5 students in the Columbia Class of 2028 for the Mellon Mays Undergraduate Fellowship; independently pursuing interdisciplinary research on architecture and urban planning in Latino neighborhoods, examining how pan-cultural identity shapes the built environment.

Breakthrough Miami — Miami, FL
Teaching Fellow — June 2024 – Aug 2025

- Taught 50+ students through a nonprofit serving underserved communities, developing arts-based curricula and facilitating higher education outreach assemblies for 200+ students to promote educational equity and access.

SKILLS AND INTERESTS

Technical: Rhinoceros 3D (Rhino), Adobe Illustrator, Adobe Photoshop, Adobe InDesign
Fabrication: CNC Milling, Laser Cutting, FDM/SLA 3D Printing, Woodworking, Metalworking
Language: English (Native), Spanish (Conversational Fluency)
Interests: Theater and Scenography, Dramatic Arts, Paper Sculpture and Mixed-Media Art, Romance Novels