

Alfredo Rojas

3D GENERALIST

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🌐 alfrejoro.com

Skills

Advanced Knowledge of 3D software:

- Autodesk Maya
- Unity
- Unreal Engine 5
- Substance painter
- SideFx Houdini
- ZBrush

Advanced Knowledge of Compositing softwares:

- Adobe AfterEffects
- Davinci Resolve
- Adobe Photoshop
- Adobe InDesign

Work Environment Skills:

- Teamwork
- Organizational skills
- Workflow coordination
- Fast learner
- Customer interactions

Language

Fluent in both English and Spanish

Education

Digital Design | New Jersey Institute of Technology | 2021-2025

User Experience and User Interactions | New Jersey Institute of Technology | 2021-2025

High School Diploma | Frank J. Cicarell Academy EHS | 2017-2021

Work Experience

3D character Designer | Museum AR Experiences of Art and Artifacts | Newark, NJ | 2023-2024

Worked with a team of designers and programmers as a 3D character designer on an AR and VR research project. The project was to display authors in front of their pieces in museums using a VR headset from home or a phone at the museum.

VR Research Fellowship | NJIT URI | Newark, NJ | 2024

Working in virtual reality environments, collaborating with advisors and students. Created pipelines to optimize 3D models and textures using Maya and substance painter, and instructed other researchers on the process.

Scenic Artist | NJIT theater hand | Newark, NJ | 2022-2025

Teamwork using power tools and accurate planning to create and paint stage props that bring the play to life and help actors with the flow of scenes.

Extracurriculars

NJIT SIGGRAPH Member | Newark, NJ | 2021-2025

Attended weekly meetings, workshops, and events to discuss design techniques, receive feedback, and network with the community of digital designers on campus.

NJIT SHLA E-board | Head of Advertisement | 2023-2025

Attended weekly meetings and hosted events for the Society of Hispanic and Latino Appreciation. Designed advertisements, networking with other clubs, and organizing events to inform and celebrate the Hispanic and latine communities at NJIT.

Awards

NJIT Design Senior Designer of Distinction Award | Newark, NJ | 2025

Awarded for design excellence to the student with the best design project.

NJIT Designer Distinction Award | Newark, NJ | 2024

Awarded for design excellence to the student with the best design project.

SIGGRAPH FSSW Exhibit | Los Angeles | 2024

Two 3D graphics were selected and shown at the SIGGRAPH 2023 exhibit.

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