

# Alfredo Rojas

## CG GENERALIST

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## Skills

**Advanced Knowledge of 3D softwares:**

- 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 | Currently 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 | 2021-2023**

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.

## Extra-Curriculars

**NJIT SIGGRAPH Member | Newark, NJ | Currently**

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 Advertizement | Currently**

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

## Awards

**NJIT Designer Distinction Award | Newark, NJ | 2024**

Awarded for design excellence to the student with the best design project(s).

**SIGGRAPH FSSW Exhibit | Los Angeles | 2023**

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