

Ty Matthews

3D Artist

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Portfolio
LinkedIn

SUMMARY

Detail-oriented designer and 3D artist with experience creating technical designs, 3D assets, product visualizations, and motion graphics. Proficient in 3D modeling, texturing, lighting, animation, and digital design, with experience translating creative concepts and technical requirements into polished, production-ready visual solutions.

Skills & Tools

▣ Software:

Unreal Engine 5, Unity, Maya, ZBrush, 3DS Max, Blender, Substance Painter, Substance Designer, Cinema 4D, AutoCAD, Adobe Creative Suite (Photoshop, Illustrator), Microsoft

▣ Core Skills:

3D Modeling, Texturing & Shading, UV Unwrapping, Environment Design, Modular Asset Creation, PBR Workflow, Photogrammetry, Character Design, Animation Basics

EXPERIENCE

▣ Designer III

Spectrum - Louisville, KY

Oct 2025 – Present

- Promoted to the highest level within 8 months and consistently ranked as the highest performing designer for multiple months based on productivity, accuracy, and quality.
- Design detailed 2D network infrastructure plans and construction documentation, translating engineering requirements, field information, and project specifications into accurate, construction-ready designs.
- Perform design reviews and quality control while collaborating with engineering, field, and construction teams to resolve issues and deliver accurate project documentation.

▣ Freelance 3D Artist

Independent

Nov 2025 – Present

- Created high-quality 3D assets, environments, animations, lighting, materials, and final renders for product advertising, brand promotions, YouTube docuseries, and commercial media productions.
- Delivered large volumes of optimized 3D assets for AI training and emerging 3D workflows, including modeling, UVs, texturing, PBR materials, and real-time-ready asset preparation under tight deadlines.
- Collaborated with clients and production teams to translate creative concepts into polished 3D visualizations, camera sequences, environments, and promotional content, adapting workflows across Unreal Engine, Blender, Maya, Cinema 4D, and Adobe Creative Suite.

▣ Master - 3D Modeling Specialist - AI Trainer

Invisible Technologies - Remote

Aug 2025 – Oct 2025

- Produced optimized 3D assets to support a leading brand's image-to-3D AI model, delivering high-quality results with efficient production workflows.
- Produced accurate 3D models from masked reference images, with strong emphasis on correct perspective for AI training purposes.
- Created 100+ models in a month, advanced to the Review Team and selected for the Sprint Team to ensure we hit weekly deliverables.

▣ Graphic Specialist I (Unity 3D Artist)

Logistic Services International Inc. – Jacksonville, FL

Jun 2023 – Jun 2025

- Design and implement 2D and 3D visuals for military training simulations in Unity.
- Develop high-fidelity assets for Department of Defense courseware, including 2D graphics, 3D models and animations.
- Create clean UV layouts and texture maps optimized for real-time rendering.
- Collaborate with developers and instructional designers to ensure visual accuracy and technical performance.

▣ Scan & 3D Artist

SCADPro & Quixel – Savannah, GA

Mar 2022 – Jun 2022

- Hand-selected to collaborate with Quixel by testing experimental photogrammetry tools and workflows.
- Researched, tested, and documented advanced asset creation techniques using Megascans and custom scans.
- Provided feedback to Quixel team on usability and performance improvements.
- Contributed to a final presentation showcasing results to industry professionals.

EDUCATION

▣ Savannah College of Art and Design (SCAD) – Savannah, GA

BFA in Interactive Design & Game Development

Graduated: May 2023

GPA: 3.79

Awards & Honors

▣ The Rookies - Draft Selection

Intramural Employee of the Year (2022-2023)

Dean's List (2019-2023)

Leadership & Activities

▣ High School Soccer Coach (2025–2026)

SCAD Soccer Team (2019–2020)

SCAD Intramural Admin (2021–2023)

Links

▣ Portfolio

↳ <https://www.tymatthewsart.com/>

▣ LinkedIn

↳ <https://www.linkedin.com/in/ty-matthews-6909551a9/>