

ALLEN GRABO

Senior Video Engineer (V1) • Immersive Visual Designer

Washington DC/NOVA/MD rtfxdesign@gmail.com www.rtfx.space

I work where a visual idea becomes a physical experience — **creating the content, mapping it into the room, building the technical system, and running it live.** Expert-level Pixera, Novastar, and Resolume execution across high-stakes broadcasts and immersive installations, grounded in rigorous signal-flow and A/V network design. A PhD in Social & Organizational Psychology shapes how I lead cross-functional crews and stakeholders under show pressure: calm, legible, unshakeable.

CAPABILITIES

01

Immersive visuals

Projection-mapped content, multi-wall environments, live visuals, and site-specific motion.

02

Creative technology

Generative systems, AI-assisted workflows, interactive media, sensors, and custom interfaces.

03

Playback systems

Pixera, Resolume, signal flow, media servers, show control, and calm technical execution.

04

Technical direction

System design, troubleshooting, documentation, crew coordination, and operational handoff.

PIXERA

TOUCHDESIGNER

RESOLUME

NOTCHLC

NOVASTAR

DATAPATH FX4

ATEM

NDI / SDI

CURRENT

Senior Freelance Video Engineer / V1 / VJ

2023 – PRESENT

Available for hire — Washington DC / NOVA / MD

Creative Technologist

CURRENT

Thèria Haus — The Nobody Co.

Graphic Design, Animation, AR Implementation, Content Management

Web Developer

CURRENT

Project Honeycomb

SELECTED ENGAGEMENTS • 2023 – PRESENT

01	Porsche Studio Portland PIXERA PROGRAMMER • CREATIVE TECH	Pixera build-out of the Immersive Experience Center, 2025–26.
02	Art Basel Miami • BitBasel V1 LED/PROJECTION MAPPING LEAD	Large-scale architectural projection for a premier art event.
03	The Kennedy Center V1 LEAD	Directed the Egyptian Embassy’s global museum-announcement feed.
04	Thèria Haus • Nobody Co. VISUAL TECHNOLOGIST	Graphic Design, Animation, AR Implementation, Content Management
05	Shifting Realities TECHNICAL LEAD • SYSTEMS DESIGNER	13-projector retrofit into three show-controlled environments.
06	Club Berhta • Shima Design VJ & SYSTEMS DESIGNER	Mapped visual architecture and custom resident VJ sets.
07	Club STFU • Throw Social SYSTEMS INTEGRATOR • RESIDENT VJ	LED wall integration, Novastar config, resident visuals.
08	AMFest 2024–25 VJ • LED WALL PROGRAMMER	Main-stage visual atmospheres at festival scale.
09	DC Wharf • Waterfront VIDEO ENGINEER • TECHNICAL LEAD	Jazz Fest, Movie Nights, Boat Parade, Army/Navy events.
10	4Wall / Solo Mute V1 LEAD	CBC Week and stadium-scale Ravens TailGOAT events.

TECHNICAL SKILLS

SOFTWARE & PLAYBACK	HARDWARE & SIGNAL	CONTENT & AI
Resolume Arena • Pixera • MediaMaster Bitfocus Companion • Custom Signage NotchLC	Novastar MX40 / VX1000 • LED walls Datapath FX4 • Blackmagic ATEM HDMI / SDI / NDI • signal flow design A/V networking • VLANs • DMX / Art-Net	Adobe Creative Suite Stable Diffusion • ComfyUI Generative AI workflow integration

EDUCATION

PhD, Social & Organizational Psychology — VU University Amsterdam	2018
MSc, Social & Organizational Psychology — VU University Amsterdam • Cum Laude	2011
BA, Interdisciplinary Humanities — Michigan State University • Honors College	2006

