**[Dave Grega](https://www.linkedin.com/in/davegrega/overlay/about-this-profile/)**

Lead/Senior 3D Environment Artist, Art Manager, Generalist

(AAA Games, MR/VR/AR, Simulation, Pre-Vis)

Greater Seattle Area

[**Portfolio: www.davegrega.com**](https://www.davegrega.com/)

**Professional Experience:**

**Senior 3D Artist**

Full Swing Simulators - Aug 2023 to Nov 2024 - (RIF)

- Working with amazing and renowned golf course designers to help develop an exceptional golf simulation experience for TGL

**Lead Environment Artist**

Vista Outdoor Inc. / Foresight Sports - Full-Time - Apr 2021 to Jun 2023 - (RIF)

- Major contributor to establishing an updated working pipeline in Unity (HDRP) while creating PBR material libraries and managing the overall visual fidelity for the Foresight Sports Golf simulation.

**Senior Environment Review Artist**

Sony Interactive Entertainment - Visual Arts and Services Group - Contract - Aug 2020 - Jan 2021
 Helldivers II (PC, PS5)
 MLB The Show 21 (PS4, PS5, XBox One)

 - Assisting Sony 1st party and other 3rd party studios with art/pipeline support

**Art/Creative Direction and Technical Consultation**

Freelance - Aug 2019 - Aug 2020

- Privately working with top-tier clients and companies (Projects under NDA)

**Technical Artist / Lead 3D Artist / Generalist**

Futurewei Technologies, Inc. - Contract - Apr 2019 - Aug 2019 - (Project Cancelled)

- Research and Development
- Co-Leading Art Team efforts with Senior Tech Artist
- Milestone planning / scheduling
- Tools and Pipeline Development / Refinement
- Content creation and optimization

**Photogrammetry Lead / Senior 3D Artist**

Microsoft - Turn 10 Studios (XBOX) - Contract - Jun 2018 - Apr 2019
 Forza Motorsport:

- Workflow development (Photogrammetry Capture, Processing, Optimization, and Integration)
- R & D (Procedural tools, Workflows, and Content Generation)
- Tools testing
- Pre-production/Art execution
- Mentored junior artists

**Lead Environment Artist**

Tesla · Full-time - Nov 2017 - Jun 2018

Autopilot (Simulation)

- First Artist hired to 3D Simulation team
- Art pipeline / Workflow development / Technical troubleshooting / Milestone planning

- 3D content creation and world polish (Mesh, PBR Shaders/Materials/Textures)

- Hiring/Managing art team and external vendors

- Working with engineers to develop strategies, tools, technical solutions, procedural systems
- Updates/presentations to Elon Musk and executives

**Senior 3D Artist / Generalist**

Microsoft - Contract - Jan 2015 - Nov 2017

 Turn 10 Studios (XBOX):
 Forza 7 (XBOXONEX , PC) - Jun 2017 - Nov 2017

 Forza 6 (XBOXONE, PC) - Jan 2015 - Aug 2015

 - PBR Shader/Material/Texture Tuning

 - Photogrammetry

 - Aggressive Optimization

 Analog Design:
 Windows 10 Mixed Reality Portal - Nov 2016 - Jun 2017

 SOTA:

 Destination: MARS (HoloLens) - Sep 2015 - Mar 2016

 - Rapid prototyping and iteration using data from Mars Rover
 - Working closely with JPL and software devs to develop technical solutions
 - 3D Modeling/Sculpting, 3D/2D Texturing/Painting, Shaders

 - Integration, Polish, Aggressive Optimization

**Art Manager (Outsource) / Senior Artist**

Red 5 Studios · Full-time - May 2014 - Dec 2014 - (Studio Closure)

 Firefall (PC)

- Management and art direction of all incoming 3rd party art assets
- Company-wide point of contact for all deliverables (Scheduling, Feedback, etc.)
- Technical integration of all 3rd party assets (Character upgrades, Weapons, Environment/Props, etc.)

**Senior Environment Artist / Art Manager (Outsource)**

Airtight Games · Full-time - Feb 2012 - Oct 2013 - (Studio Closure)

 Murdered: Soul Suspect (PC, XBOXONE, PS4, XBOX360, PS3) - Square Enix

- Management and art direction of all incoming 3rd party art assets from 3 separate vendors

- Designed Outsource Pipeline from ground up (File transfer, Integration, Feedback, Workflow, Quality Control, etc.)

- Worked closely with the Engineering team to develop integration tools

**Senior 3D Artist / Environment Artist**

Sony Computer Entertainment America - Full-time – Nov 2004 – May 2011

 Zipper Interactive - Full-time - Apr 2007 - May 2011 - (Studio Closure)

MAG (PS3) SCEA
SOCOM 4 (PS3) SCEA

- High/low poly modeling, Sculpting/Casting to texture, UV layout/unwrapping, Texture painting
- Setting up library of destructible assets (Havok)
- Trained/mentored junior artists and new hires
 \* recommended for a Lead role by Art Manager

 Bend Studio - Full-time - Nov 2004 - Mar 2007

 Syphon Filter: Dark Mirror (PS2 & PSP) - SCEA
 Syphon Filter: Logan's Shadow (PS2 & PSP) - SCEA

- Modeled, textured, lit, and polished various single player and multiplayer levels
- Implemented Collision, Activation, Particles, and Baked/Real-time lighting

**3D Artist**

Black Ops Entertainment - Full-time - Mar 2002 - Feb 2004

 Terminator 3: Rise of the Machines (PS2 & XBOX) - Atari
 X-Files: Resist or Serve (PS2) - Vivendi Universal

- Polished various levels and corresponding art/objects, etc.

**Skills:**

Troubleshooting, Research and Development (R&D), Technical Documentation, Process Flow Documentation, Tools, Xbox, PlayStation, Simulation, 3D Architectural Rendering, 3D Rendering, Python, Simulation Software, Computer Simulations, Architectural Design, Previsualization, Visual Arts, Software Development, Interactive Media, Mixed Reality, Multiplayer Games, Video Game Production, Agile Environment, Augmented Reality (AR), Art Direction, Graphics, Virtual Reality (VR), Game Engines, Game Art, Workflow Management, Pipeline Design, Pipeline Generation, Production Pipeline, Outsourcing Management, Mentoring, World Building, Level Building, Optimization, Asset Management, 3D Lighting, Photogrammetry, 3D Materials, Topology, Hard Surface Modeling, High Poly Modeling, Low Poly Modeling, UV mapping, Shader Creation, Layout, Game Development, Video Games, Texturing, Cinematics, Shaders, 3D Modeling, UV Mapping, Animation, Computer Games, Console, Environment Art, Texture Painting, Rapid Prototyping, Pipeline Development, Motion Graphics, Video Editing

**Software:**

Substance Designer, Substance Painter, Unity, Agisoft PhotoScan, Agisoft Metashape, RealityCapture (RC), After Effects, Perforce, 3D Studio Max, Maya, Photoshop, ZBrush, Unreal, JIRA, Quixel, Adobe Creative Suite, XNormal.

**Education:**

**Otis College of Art and Design -** Bachelor of Fine Arts, Digital Media