



EDRICK EFFENDY

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effendyedrick.com

SUMMARY

A Designer with 8+ years making physical products from concept sketch to production, across custom furniture, architecture and interior architecture disciplines, and hardware prototyping. Skilled in CAD surfacing, hands-on fabrication, and photo-realistic renderings that get designs approved. Comfortable in ambiguous, early-stage problems and equally at home in Rhino and SketchUp or at the 3D printer and CNC mill.

SKILLS

CAD & Surfacing: Rhino 3D, SketchUp, SolidWorks, Revit, concept-to-production 3D modeling, design for manufacturability.

Visualization & Rendering: D5 Render, KeyShot, Enscape, V-Ray; photo-realistic product, furniture, and architectural rendering.

Prototyping & Fabrication: 3D printing, CNC and 6-axis milling, laser and waterjet cutting, hand model making.

Presentation: Adobe Creative Suite, Photoshop, design storytelling, design reviews, cross-functional collaboration.

PROFESSIONAL EXPERIENCE

Designer — 3D Modeling & Visualization Focus

HartHowerton Architects — San Francisco, CA | Oct 2021 – Jun 2026

- Led the visual team and set up project workflows, turning concept sketches into production-ready CAD surfacing (SketchUp, Rhino 3D) and photo-realistic renders (D5, V-Ray, Enscape) across architecture, landscape, interior, and furniture.
- Built 3D site simulations to test design language, proportion, and materials against the client's actual site, driving faster sign-off.
- Delivered 2 to 3 concurrent projects weekly on 1 to 2 week turnarounds with the design team, vendors, and clients, and built a company wide asset library that kept render quality consistent and sped up onboarding.

Designer — Interior Architecture Focus

Team 7 International — San Francisco, CA | Aug 2019 – Oct 2021

- Designed and drafted interior architecture and custom furniture for cruise ship cabins, and developed the project's graphic and brand identity, using Rhino 3D, KeyShot, and Revit from concept through production.
- Designed and drafted residential and commercial interior architecture projects across the Bay Area.

Advanced Rapid Prototyping Systems Technician

Quala Inc. (Microsoft) — Redmond, WA | Jul 2016 – Apr 2017

- Operated 3D printers and additive manufacturing equipment, converting and repairing CAD files to produce close-tolerance prototypes for physical production.
- Set up and operated 6-axis CNC milling, water-jet, and laser cutting machinery, reading and interpreting technical drawings for prototype fabrication to specifications.

Custom Signage Maker

New Image Creative Sign Inc. — Kent, WA | Oct 2015 – Dec 2015

- Fabricated and assembled custom signage using CNC routing and milling to produce clean, precise cuts across production runs, meeting exact material and design specifications.
- Maintained signage fabrication machinery and workshop equipment to ensure consistent production quality and shop safety.

EDUCATION

Master of Arts, Industrial Design, *The Academy of Art University, 2017–2019*

Bachelor of Science, Industrial Design, *The Art Institute of Seattle, 2012–2015*

LANGUAGES

English • Mandarin Chinese • Bahasa Indonesia