

Paul Oak Aicher.

paul@paulaicher.com
(912) 390 - 1237
www.PaulAicher.com

Skills

3D CAD Modeling, Rapid Prototyping, 3D printing, CNC, 3D Scanning/Metrology, Model Making, Metalworking, Woodworking, Electronics Prototyping, Creative Problem Solving, Form Development, Product Design, User Research, Concept Generation, Sketching, Rendering, Graphic Design, UX/UI Design, CMF, Photography, Drone Operation

Software

Rhino 3D, Grasshopper, Fusion 360, Python, C#, SolidWorks, Catia, ZBrush, Blender, Keyshot, Figma, Illustrator, Photoshop, InDesign, Adobe Creative Suite, Microsoft Office, Materialise Magics, Arduino

Education

The Savannah College of Art and Design

B.F.A. Industrial Design
09/2014 - 06/2018
Savannah, GA

Experience

Computational Designer

Martin Bros. - Lucas Museum project 04/2023 - Present Los Angeles, CA

- Achieves the aesthetic goals of the architect by coordinating with the field team and project leaders to make decisions in a fast-paced and highly technical environment
- Ensures high-quality and error-free deliverables including part drawings, reports, and survey analysis
- Develops and operates bespoke Grasshopper scripts for simulation, modeling, and analysis of the one-of-a-kind FRP facade system for the Lucas Museum of Narrative Art
- Tells the story of the installation process using animations and drone photography

Additive Manufacturing Lab Technician

Canoo Inc. 09/2021 - 04/2023 Los Angeles, CA

- Created show car parts and prototypes for design and engineering evaluation using FDM, SLA, and MJF 3D printing, surfacing and painting, and CAD modeling
- Produced high quality 3D scans/metrology and analysis
- Accelerated Lab workflows and infrastructure by creating hardware tools and Python utilities

Computational Designer / Industrial Designer

David Wiseman Studio 03/2020 - 09/2021 Los Angeles, CA

- Designed and manufactured custom organic furniture and complex interior design elements utilizing investment casting, 3D printing, and CNC milling
- Communicated project expectations for design and production to clients
- Translated 2D sketches and abstract ideation into CAD models using Zbrush, Rhino, and Grasshopper

Industrial Design Intern

Ekso Bionics 06/2019 - 08/2019 Richmond, CA

- Designed new concepts and established aesthetics for human support devices as the company's first industrial designer
- Collaborated with the engineering team as they evaluated new concepts and helped meet project deadlines for their industrial and healthcare sectors

Digital Fabrication Technician

SCAD Digital Fabrications Lab 09/2017 - 05/2019 Savannah, GA

- Educated students and faculty on 3D modeling and best practices for rapid prototyping, contributing to hundreds of SCAD student and faculty projects.
- Trusted as a student to operate and maintain high-end Lab machines and tools including Polyjet, FDM, and SLA 3D printing, Large format paper, flatbed UV, and Vinyl printing/cutting, and Laser cutting