



FRANKLIN VALLANT

INDUSTRIAL DESIGNER

CONTACT

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EXPERIENCE

Nova Design Consultancy (Providence, RI) **Industrial Design Co-Op**

August 2023 - Present

Developed medical and tech products on a team of multidisciplinary designers with a focus on human factors and user-centered design. Excelled in utilizing CAD software and rapid prototyping techniques to create detailed, manufacturable designs.

Milwaukee Tool (Milwaukee, WI) **Industrial Design Co-Op**

January 2023 - May 2023

Worked on multidisciplinary team to develop lighting and lifestyle products for the market. Utilizing field research, interviewing users, and market analysis, developed a design strategy for product families. Communicated with suppliers and engineering to inform designs based on best practices for manufacturing, as well as direct user input.

Sig Sauer (Newington, NH) **Industrial Design Co-Op**

May 2022 - August 2022

Collaborated in teams of designers and engineers to develop and prototype products for the market. Worked to maintain a cohesive brand language while pushing to develop unique product solutions. Using surface modeling and rapid prototyping, worked back and forth to perfect ergonomic grips. Utilized 3D scanning as an underlay to reverse engineer hand-sculpted models.

Orange Chair (Cincinnati, OH) **Design and Manufacturing Co-Op (2 Rotations)**

January 2021 - December 2021

Designed, Engineered, and Built in-house, custom seating for residential and commercial clients. Collaborated with customers to produce bespoke, extravagant, and ergonomic seating solutions. Programmed and ran CNC router table to create framing for upholstery.

EDUCATION

Bachelor of Science (B.S.), Industrial Design
University of Cincinnati, DAAP (Cincinnati, OH)
Class of 2024

Cloverleaf High School (Lodi, OH)
Class of 2019

High school Honors Diploma 3.9 GPA
Magna Cum Laude

PHYSICAL SKILLS

CNC Machines (Laser, Router, 3D Printers)
Electrical (Soldering, Wiring, Circuitry)
Foam, Bondo, Fiberglass Model making
Sketching / Rendering
Welding and Metalworking
Woodworking & joinery

DIGITAL SKILLS

Adobe Illustrator, Photoshop, InDesign, After Effects
Autodesk Products (Fusion 360, Sketchbook Pro)
Blender (Polygonal Modeling, Render, Animation)
Gravity Sketch (Certified by Gravity Sketch)
Keyshot
Microsoft Office
Rhinoceros 3D / Grasshopper / CAM
Solidworks 3D

AWARDS

Fifth Third x Kroger Innovation Challenge 1st Place 2020
Medina County Visual Art Festival Finalist
Harrisville Township Robert J. Benson Scholarship
UC DAAP Dean's List Academic Award

INTERESTS

Homemade Electric Motorcycles (Capstone Project)
90s Japanese Imports (Bonus if they are turbocharged)
USPSA Competition Shooting
Rockclimbing / Bouldering
Drumming (Jazz Fusion and Modern Rock)