

# SABRINA NASSAR

## CMF & INDUSTRIAL DESIGNER

### PROFILE

A passionate Maui-born designer, who enjoys experimenting with the contrast between organic and geometric forms, as well as materiality. Ambitious, resourceful, and driven by a love of robotics, technology, design, and hands-on creation. Committed to continual growth and development in the design field.

### CONTACT



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sabrinana.design

### SKILLS

- SolidWorks
- Rhino 3D
- KeyShot
- Vred
- Ideation
- Color Theory
- Rapid Prototyping
- Adobe Suite
- Concept Visualization
- Model Making
- Arduino Prototyping

### EDUCATION

#### California College of the Arts

Bachelor of Fine Arts in Industrial Design,  
Minor in Computational Practice  
with distinction

### HOBBIES

- Watercolor painting
- Drawing
- Paddle boarding
- Tinkering with electronics
- Learning new softwares

### EXPERIENCE

#### CMF Designer: Self-Driving Automotive

Waymo via Linkage Design • MAY 2022 - PRESENT

- **Material/Color Analysis:** Conducted precise evaluations of color and material quality using tools such as Spectrometers and Gloss Meters to ensure design consistency and high standards.
- **Library Organization:** Managed and maintained physical and digital CMF material libraries, including implementing Pantora materials for a robust digital library.
- **Research & Innovation:** Researched advanced and sustainable materials to improve product durability and support eco-friendly initiatives.
- **Cross-Functional Collaboration:** Partnered with the reliability team to ensure product longevity and developed CMF schematics to streamline communication across teams.
- **Trend Analysis & Prototyping:** Designed physical and digital CMF mood boards and prepared prototypes to align with current trends and product goals.

#### Quality & Design Coordinator: Automated Agriculture

Semios / Altrac • MAY 2020 - MAY 2022

- **Documentation Development:** Authored comprehensive testing and manufacturing procedures, as well as user manuals, to support production workflows and enhance customer experience.
- **Quality Assurance:** Performed quality control for the Altrac product line, ensuring strict compliance with performance and reliability standards.
- **Test Fixture Design:** Collaborated with engineers to design and implement test fixtures, streamlining product validation and improving efficiency.
- **Manufacturing Training:** Conducted on-site training with contract manufacturers to ensure adherence to specifications and optimized production processes.

#### Project Specialist: Industrial Maker Lab

Humanmade • AUG 2019 - MAY 2021

- **Model Shop Equipment Instruction:** Taught adults how to safely operate model shop equipment, ensuring a safe and efficient learning environment.
- **Project Assistance:** Assisted individuals with the design and execution of personal projects, providing technical guidance and support.
- **Software & CAD/CAM Instruction:** Led classes on Illustrator and SolidWorks, and taught CAD to CAM courses for CNC machine operation, enhancing participants' technical proficiency.

#### Jr Industrial Designer: Architectural Sheet Metal Fabrication

Moz Designs • MAR 2019 - AUG 2019

- **Advertisement Renderings:** Developed high-quality renderings for marketing and promotional materials.
- **Technical Collaboration:** Collaborated closely with Project Managers to create detailed shop drawings using SolidWorks and AutoCAD.
- **Pattern Generation:** Designed manufacturable patterns with precision using Grasshopper, ensuring alignment with production requirements.