



MARC BILBAO

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Objective

I am seeking to utilize my design skills in architectural, interior and furniture design and further develop those skills as I work through a Masters of Architecture Degree at Cal Poly Pomona. I intend to pursue licensure and a career as a practicing architect and multidisciplinary designer.

Key Skills

Virtual — Adobe Design Suite, Autocad, Revit, Rhinoceros, Lumion, Fanuc CNC Controller, Solidworks, Keyshot, MS Office Products, and Specsintact

Physical — Wood, Metal, Ceramics, CNC Milling, Fiberglass, Concrete, Plastics, Finishing, Residential Plumbing and Electrical, 3D Printing, Screenprinting, and Photography.

Work History

Building Designer and Project Manager - Guidry Coastal Architecture (Wilmington, NC - Remote) Jan 2018 – Present

- Designs and drafts architectural construction documents for commercial, military, religious institutions, state educational institutions, and residential clientele for both 'design bid build' and 'design build' projects.
- Manages and red-lines 2 direct report draftspeople
- Generates of interior design documents, such as detailed finish material specifications, cabinetry/kitchen design, built-in mill work, or material/finish sample ordering for clients.
- Provides in-depth coordination with engineers across divisions; verification of consistency across all sections of construction documents.
- Establishes project scopes through project narratives and maintains project phases and scheduling through Gantt charts.
- Facilitates client/contractor meetings which include discussion of action items, documentation, and project deliverables.
- Assesses Accessibility/ADA requirements and building codes to ensure compliance on local, state, and federal levels.
- Coordinates and submits plans to permitting departments, completing revisions, finalizing plans to attain building permits.
- Completes change order negotiation, documentation and execution as needed.
- Implements and monitors construction administrative tasks which includes collaboration with contractors to meet the needs of clients, permitting officials, zoning officials, and inspectors.

Product Designer - MADI LLC (Greenville, SC - Remote) Sep 2017 – Dec 2017

- Freelance contract to develop an innovative LED headlamp intended to be ne affixed to a lineman electrician's helmet. The headlamp is patent pending and available for retail purchase.
- Established design criteria and project scope to suit client's needs.
- Finalized a concise design direction through each design phase from ideation to construction.
- Generated design drawings, annotative design documentation, and a 3D printed functional prototype.

Design engineer, CNC machinist, and Craftsperson - Skram Furniture Company (Burlington, NC) Jun 2014 –Dec 2017

- Streamlined manufacturing process and increased company's productivity by introducing CNC manufacturing.
- Orchestrated the re-engineering the entire existing product offering to utilize newly added automated manufacturing equipment.
- Played a key role in extensive prototyping, product development for new furniture and lighting products,
- Executed the management, daily operation, and programming of a 4-axis CNC router,
- Coordination with parts and raw materials from suppliers and manufacturers
- Collaborated in areas of furniture making included metal machining, veneer work, traditional woodworking, leatherworking, and finishing.
- Promoted company's furniture offerings through the coordination, set up and take down of company trade show booth on 4 occasions for ICFF (NYC) and ICFF (Miami)

Press

'The Modern Caravan: Creating Home on the Road' — Chronicle Books Published 2022
Coffee table book of tiny dwellers featuring my self-renovated vintage Airstream trailer

'Built In' at the Neutra VDL House (show title) — Marta Los Angeles Published 2021

Worked with the team at **TOLO Architecture** to design and fabricate a piece of furniture that was exhibited in the show.
Press coverage of the exhibition is published by **Carla, Cereal, Wallpaper*, Dezeen, Metropolis, Dispatches, KCRW, and Curbed.**
Visit URL: marta.la/exhibitions/built-in-at-the-neutra-vdl-house

Before & After, House Tour — Apartment Therapy Published 2020

An online article showcasing my self-renovated vintage Airstream trailer
Visit URL: apartmenttherapy.com/gut-renovation-airstream-rv-photos-36744225

+/- Lamp — Appalachian State University - Industrial Design (Department of Applied Design) Published 2015

A task lighting design highlighted as exemplary student work on the department's homepage and marketing collateral
Visit URL: industrialdesign.appstate.edu

Education

Appalachian State University (Boone, NC) Aug 2010 - May 2014

BS in Industrial Design, concentration in Product Design

California Polytechnic University, Pomona (Pomona, CA) Aug 2020 - May 2023

Master of Architecture