



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, Enscape, Twinmotion, 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

Architecture Intern - Brooks + Scarpa Architects (Los Angeles, CA - In-person)

May 2022 – Aug 2022

- Worked directly under architect Lawrence Scarpa, the recipient of the 2022 American Institute of Architects Gold Medal, the National American Institute of Architects Collaborative Achievement Award, and the Gold Medal in Architecture from the American Institute of Architects Los Angeles Chapter.
- Contributed to a number of architectural construction documents for educational and multifamily architecture projects.
- Generated pre-design and schematic design deliverables for use in clients presentations for residential projects.
- Designed and fabricated 3D-printed physical models presentation materials for use in clients presentations for educational and residential projects.

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 interior design documents, such as detailed finish material specifications, cabinetry/kitchen design, built-in mill work, and 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

Coffee table book of tiny dwellers featuring my self-renovated vintage Airstream trailer

Published 2022

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

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

Published 2021

Before & After, House Tour — Apartment Therapy

An online article showcasing my self-renovated vintage Airstream trailer

Visit URL: apartmenttherapy.com/gut-renovation-airstream-rv-photos-36744225

Published 2020

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

A task lighting design highlighted as exemplary student work on the department's homepage and marketing collateral

Visit URL: industrialdesign.appstate.edu

Published 2015

Education

Appalachian State University (Boone, NC)

BS in Industrial Design, concentration in Product Design

Aug 2010 - May 2014

California Polytechnic University, Pomona (Pomona, CA)

Master of Architecture

Aug 2020 - May 2023