

# MICHAEL LANE BOLDT

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## EDUCATION

<b>Southern California Institute of Architecture [SCI-Arc]</b> Master of Architecture Recipient of the Gehry Prize <i>“for the best Graduate Thesis of the year, reflecting SCI-Arc’s core mission to test the limits of Architecture.”</i>	SEP 2021-SEP 2024
<b>Regis University, Denver CO</b> Bachelor of Science, Physics Minor, Chemistry Minor, Fine Art	SEP 2015-MAY 2020

## EXPERIENCE

<b>Circular Construction Designer / Researcher [Freelance]   Digne, LLC.   Los Angeles, CA</b> Digne is an emerging Embodied Carbon Consulting / Building Materials Cicularity firm specializing in structures + facades and design coordination. Current projects revolve around design and research into methods and applications of recycled glass on an architectural scale, soon to be integrated into a new transitional housing development in Little Rock, Arkansas.	2024
<b>Exhibition Collaborator   SCI-Arc   Los Angeles, CA</b> Contributed to and collaborated with John Cooper in his SCI-Arc/PST gallery exhibition <i>Planet City Spoils</i> . Documented and edited thermal/infrared and raw footage; collected, processed, and animated LiDAR point cloud scans; compiled, edited, and formatted visuals for projections, digital displays, and LED banner displays; designed, fabricated, and assembled physical models; assisted in the design and installation of the gallery space.	2024
<b>Freelance Graphic Designer   Los Angeles, CA</b>	2024
<b>AI Consulting   Los Angeles, CA</b>	2024
<b>Teaching Assistant   SCI-Arc   Los Angeles, CA</b> Aided first and second-year graduate and undergraduate students in the research, design, and curation of research dossiers for the core and elective Architectural Histories courses. Assisted in the setup and assembly of exhibition spaces.	2022-2024
<b>Intern   markharrisARCHITECT, markharrisBUILD   Colorado Springs, CO</b> Assisted in several architectural projects, within Schematic Design, Programming, Design Development, Construction Documentation, Construction Administration, and site inspection Using Rhino, Revit, Autocad, and SketchUp. Participated in client meetings and conversations with subcontractors. Experience with projects both in design phase and currently under construction.	2021-2023
<b>Apprentice   Zimbelman Guitars   Colorado Springs, CO</b> Apprenticeship in Luthiery, emphasis in electric guitars. Experience in preparing digital files for CNC milling, woodworking techniques and guitar construction, lacquer painting and polishing, and guitar setup. Designing, soldering, and assembling guitar electronics.	2023
<b>Tutor   Self-Employed   Denver, CO / Los Angeles, CA</b> Tutored Physics, Calculus, and Chemistry to high school, undergraduate, and graduate students both in-person and remotely.	2017-2023
<b>Studio Monitor / Stockroom Assistant   Regis University   Denver, CO</b> Supervised and maintained Printmaking and Sculpture studios. Trained and certified use of machinery and printing presses. Assisted and co-curated gallery exhibitions. Maintained organic, inorganic chemistry laboratories. Prepared lab materials. Trained and certified the operation of mass spectrometers and specialized equipment. Recieved full radiation training. Trained in hazardous material disposal.	2015-2020

## TECHNICAL SKILLS

**SOFTWARE:** RHINO, GRASSHOPPER, HOUDINI, UNITY, PROCESSING, COLAB, COMFYUI, TOUCHDESIGNER, CYCLEGAN, RENDERDOC, CLOUDCOMPARE, UNREAL ENGINE, V-RAY, POLYCAM, CADEAGLE, AUTOCAD, TOUCHDESIGNER, ADOBE SUITE

**SKILLS:** LIDAR SCANNING, PHOTOGRAMMETRY, FABRICATION, SOLDERING, CIRCUIT DESIGN, AUDIO ELECTRONICS, WOODWORKING, CNC MILLING, PRINTMAKING, CASTING, FILMING, EXHIBITION DESIGN, SOUND DESIGN, COLLABORATION, IMPROVISATION

**CODING:** JAVA, PYTHON, C#