

MICHAEL LANE BOLDT

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EDUCATION

Southern California Institute of Architecture [SCI-Arc] 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
Regis University, Denver CO Bachelor of Science, Physics Minor, Chemistry Minor, Fine Art	SEP 2015-MAY 2020

EXPERIENCE

Exhibition Collaborator SCI-Arc Los Angeles, CA 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
Freelance Graphic Designer Los Angeles, CA	2024
AI Consulting Los Angeles, CA	2024
Teaching Assistant SCI-Arc Los Angeles, CA 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
Intern markharrisARCHITECT, markharrisBUILD Colorado Springs, CO 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
Apprentice Zimbelman Guitars Colorado Springs, CO 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
Tutor Self-Employed Denver, CO / Los Angeles, CA Tutored Physics, Calculus, and Chemistry to high school, undergraduate, and graduate students both in-person and remotely.	2017-2023
Studio Monitor / Stockroom Assistant Regis University Denver, CO 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#