

RONALD VAN LONG DANG

+1 (818) 350-9519 | ronalddang20@gmail.com | www.vanlongdang.com

PROFESSIONAL SUMMARY

Emerging architectural designer with hands-on experience in Type V residential construction, ADU documentation, and construction detailing through volunteer architectural work. Complemented by professional experience as a First Article Inspection (FAI) Technician in a regulated defense manufacturing environment, developing a strong command of technical drawings, specifications, quality control, and construction documentation workflows. Adept at translating complex drawings into buildable outcomes, coordinating across disciplines, and maintaining rigorous documentation standards—skills directly applicable to architectural design, construction documents, and design-build project delivery. Actively pursuing architectural licensure in California with a strong interest in custom residential, mixed-use, and sustainable project types.

WORK EXPERIENCE

First Article Inspection Technician

Summit Interconnect (Full-Time), Anaheim, CA

October 2025 - Present

- Interpreted and verified 100+ technical drawings, specifications, and revision packages, ensuring dimensional and material compliance—directly parallel to construction document review.
- Managed first-article inspection and change-control documentation with zero major audit findings, demonstrating precision in regulated, detail-driven workflows.
- Coordinated with engineering, quality, and production teams (10+ stakeholders) to resolve discrepancies and clarify technical intent.
- Maintained structured documentation logs and reports using Excel and Word, reinforcing best practices in version control and technical coordination.

Architectural Designer

Altece Design (Volunteer), Los Angeles, CA

May 2025 - October 2025

- Produced 20+ Revit-based construction drawings for Type V residential projects, including ADUs, remodels, garage conversions and additions.
- Assisted in assembling permit-ready drawing sets (plans, sections, elevations, basic details) aligned with California Building Code (2022).
- Conducted site measurements and created as-built drawings, reducing revisions and improving construction accuracy.
- Coordinated with designers, engineers, and clients on residential projects valued at \$150K–\$400K.

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PROJECTS

Coming Full Circle: Breaking the Rectilinearity of San Francisco's Grid

Project Lead

July 2024-August 2024

- Directed a multidisciplinary team of 6 members to design climate-adaptation strategies for San Francisco's waterfront.
- Conducted site analysis and mapped 2.5 miles of urban coastline using GIS data.
- Presented findings using Rhino3D, Photoshop, Illustrator, and InDesign, to a public audience of 75+ attendees, earning positive recognition for innovative sustainable solutions.

EDUCATION

Design & Innovation for Sustainable Cities (College of Environmental Design)

University of California, Berkeley, United States of America

August 2024

Bachelor of Arts in Environmental Studies, Economics

University of California, Santa Cruz, United States of America

Education Abroad

Universitat Autònoma de Barcelona, España / Universidad Complutense de Madrid, España

June 2023 - January 2024

SKILLS

Construction Documentation: Revit-based CD sets, drawing coordination, revision tracking

Codes: Familiarity with Type V wood-frame construction under LADBS requirements

Design and 3D Modeling: Architectural design and 3D modeling using Revit, Rhino3D, Adobe Cloud, to translate design concepts into buildable, presentation-ready models.

Software: Revit, AutoCAD, Rhino 3D, Autodesk Fusion 360, Spline 3D, Adobe Creative Cloud, Microsoft Excel/Word.