Huachao Ruan

Architecture & Building Systems Designer

Architectural Designer | MEP Engineer | Design-Build

Artist | California Licensed Contractor

Ruan Heating, Air & Plumbing | Sacramento / Roseville, California

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PROFILE

My work connects art, architectural design, building systems, and construction. With 15 years of hands-on experience in HVACR, plumbing, and construction, I consider both the design intent and the work required on site. I value clear drawings, practical coordination, and careful execution, from the initial design discussion through installation and inspection. Art remains an active part of my practice, informing how I think about composition, material, and space.

EXPERIENCE

Owner, Design & Construction | Ruan Heating, Air & Plumbing November 2022-present

HVACR and plumbing design, estimating, installation, and service, alongside framing and remodeling for residential and commercial projects. Work includes scheduling, subcontractor coordination, permitting, and inspection coordination, with attention to the practical details that carry a project from plans into construction.

Artist | Independent art practice Ongoing

Painting practice rooted in Shanghai, with work selected for exhibitions in Shanghai and Milan. Training in Chinese painting and environmental art design informs an ongoing interest in architecture, urban life, composition, material, and the relationship between people and place.

Owner & Operator | Flaming Mountain Sushi Buffet | Citrus Heights, California 2018-2021

Owned and operated a restaurant in Citrus Heights from 2018 to 2021. The experience strengthened my understanding of how commercial spaces are used day to day and informs the practical perspective I bring to design, building systems, and construction.

EDUCATION & DEVELOPMENT

Master of Architecture

Academy of Art University
2025-2028 | In progress

B.S. Mechanical Engineering Technology

ECPI University
In progress

BFA, Chinese Painting

Shanghai Normal University
2004-2008

Environmental Art Design studies

Tongji University
2004-2008

NCARB Record Holder

Architectural Experience Program (AXP)
In progress

CAPABILITIES

HVACR and plumbing design, estimating, installation, and service.

Framing and remodeling; scheduling, subcontractor coordination, permitting, and inspection coordination.

TOOLS

Rhino | Grasshopper | AutoCAD
Revit - currently learning

CREDENTIALS

California Licensed Contractor
EPA Section 608 Universal Technician

CONNECT

Website: https://huachaoruan.com/

LinkedIn: www.linkedin.com/in/huachaoruan/