

SCOTT ROBERTS



Systems Integration | Home Automation | Technical Sales

Oakland, CA | (925) 818-5388 | scott@scottr.net | scottr.net

PROFESSIONAL SUMMARY

Systems integration specialist with 20+ years bridging residential construction, home automation, and technical education. Deep expertise in Lutron, Savant, and enterprise networking—designing and specifying integration packages up to \$200K for luxury residential projects. Proven ability to translate complex technical systems for architects, clients, and builders, ensuring stakeholders understand not just what they're getting but why it matters. California B-License contractor with hands-on understanding of how integration systems fit into real construction workflows. Active practitioner of AI-assisted development with deep understanding of LLM capabilities and constraints.

TECHNICAL SKILLS

Integration Platforms: Lutron (HomeWorks, RadioRA, shades), Savant, Sonos, distributed AV

Networking: Layer 1-3 infrastructure, managed switches, routers, access points, mesh, IoT, VLAN

Emerging Technology: Voice control systems, AI-driven home automation, natural language interfaces

Documentation: Architecture decision records, system design documentation, async collaboration

PROFESSIONAL EXPERIENCE

Independent Systems Consultant | Self-Employed

Bay Area, CA | Apr 2023 – Present

- Lead technical design for 5,000 sq ft residential-to-retreat center conversion
- Consult with architects, builders, and clients on complex integration requirements
- Translate technical specifications into language stakeholders can evaluate and approve

Technical Integration Consultant | Automated Environments, Inc.

Berkeley, CA | Sep 2019 – Feb 2021

- Technical liaison between architects, clients, GCs, and integration engineering team
- Developed specifications for integration packages up to \$200K (networking, lighting, AV, security)
- Conducted system design consultations ensuring alignment between expectations and capabilities
- Systems: Lutron, Savant, Sonos, ICRealtime, Cisco, Ubiquiti

Carpenter / Project Coordinator | East Bay MUD

Oakland, CA | Aug 2016 – Oct 2019

- Coordinated building and infrastructure projects across \$1B+ municipal utility operations
- Represented team in capital project planning meetings; assisted with FTE and budget forecasting

Fractional Project Manager | Guiding Process, Inc.

Bay Area, CA | Jan 2013 – Aug 2016

- Managed \$1M+ residential remodeling projects for high-end general contractors
- Coordinated subs, schedules, budgets; translated progress into clear client updates

Owner / Qualifying Contractor | Company 128

Bay Area, CA | Jan 2009 – Dec 2012

- Founded design-build company specializing in high-end custom residential work
- California B-License as corporate qualifier (2009); managed full project lifecycle

EDUCATION

Somatic Coaching Certification | Strozzi Institute | 2022

B.S. Information Science & Technology (In Progress) | UW-Milwaukee | 2019 – Present

California Contractors License | B-General Building | 2009

STRENGTHS

First-principles problem solving • Technical translation • Documentation discipline • AI fluency