

BEN LALOR

FULL STACK SOFTWARE DEVELOPER

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Experience

NORESCO

Analyst III | 2021 – present

- Lead team of developers to build an innovative web application for demonstrating compliance with Title 24 Part 6 requirements.
- Develop SQL database that collects data from both public and private compliance software tools in the state of California to help empower decision makers such as CASE teams, CEC, CPUC with actionable insights.
- Develop and maintain XSD rule set used as central infrastructure for all private and public compliance software tools in the state of California.
- Cultivate relationships with industry stakeholders such as CEC, local government, IOUs, and CPUC codes and standards program participants, positioning the organization as a skilled and trusted consultant.
- Leverage in-depth understanding of Title 24 Part 6 & 11 standards and building engineering to develop and deliver tailored solutions for clients.
- Work with local governments in California to adopt and implement Reach Codes.
- Serve as a subject matter expert on multiple Codes and Standards Enhancement (CASE) teams in both the 2022 and 2025 code cycles leading to the adoption of several new regulations for Title 24 Part 6

Analyst II | 2019 - 2021

ENERGYSOFT

Nonresidential Senior Energy Analyst | 2017 - 2019

- Analyze building design and develop and execute building energy model for cutting edge projects such as Apple Park, Apple Computer Inc's headquarters in Palo Alto.
- Develop Life Cycle Cost Analysis for nonresidential building design options using EnergyPro – most widely used Title 24 energy modeling software in the state.
- Manage team of energy consultants and delegate tasks

Energy Analyst | 2015 – 2017

Energy Analyst Intern | 2014 – 2015

Education

COLORADO STATE UNIVERSITY

BS in Computer Science

Software development, database management, software engineering computer architecture

SONOMA STATE UNIVERSITY

BS in Energy Management and Design

Thermal Energy Management, Renewable Energy Systems, Electrical Energy Management

- Presented to California Commissioner McCallister & his senior technical staff on database that was developed by NORESO's Codes and Standards team.
- Successfully submitted abstracts for technical presentation on 2022 Energy Code for 100+ attendees at 2022 CABEC.

Communication

Leadership

Mentor junior staff members, manage workload and contract budget, develop statement of work and present to client to successfully win 7 figure contracts

Skills & abilities

• React • Python • HTML • CSS • JavaScript • SQL • Java • C++ • MatLab
