



Customer Focused | Change Leader | Military Veteran

County of Los Angeles

EV Charging Station and Energy Resiliency Strategy Lead 2021 – Current

- ◆ Led program planning for 2 years capital program budget of \$100M.
- ◆ Increased productivity by 125% for both planning and execution through effective strategy implementation and predictive analytics.
- ◆ Oversees and plans energy resiliency and reliability projects for County critical infrastructure.
- ◆ Oversees the County's electric vehicle (EV) charging station infrastructure efforts and coordinates with ISD staff on electric vehicle supply equipment (EVSE) deployment.
- ◆ Engages with Public Utilities Commission and local governments on policy and clean energy efforts.
- ◆ Facilitates major infrastructure deployment with Southern California Edison (SCE) and other utility companies and Department Executives.

The George Washington University

Doctoral Student 2019 – 2021

- ◆ Studied and published thesis: Optimization of Municipal Electric Reliability Using Remote–Automated Reclosers under Budget Constraints.
- ◆ Advised Amazon leadership on new building launches and utilities coordination and management.

Riverside Public Utilities

Chief Engineer 2017 – 2019

- ◆ Led a staff of 75 electrical engineers and business analysts with 10 years capital program budget of \$250M.
- ◆ Increased productivity by 100% for both planning and execution through effective strategy implementation and predictive analytics.
- ◆ Customer service and new development engineering, and new business service planning and billing.
- ◆ Standards and Apparatus engineering for Substation, Transmission, and Distribution.

Southern California Edison

Senior Manager 2013 – 2017

- ◆ Managed staff of 25, with an annual capital budget of \$650M and territory-wide scope of 1.5M poles.
- ◆ Increased productivity by 200% for planning and execution through effective strategy implementation and predictive analytics modeling for planning, design, and construction.
- ◆ Developed a strategic plan for the pole program from the cradle to the grave of assets.
- ◆ Prioritized field construction for Transmission and Distribution poles throughout the territory.

City of Los Angeles

Civil Engineer 2007 – 2013

- ◆ Managed staff of 15 engineers and management analysts and budget of \$120M.
- ◆ Managed significant energy, water, streets, and sanitation projects.
- ◆ Developed project plans.
- ◆ Emergency response for bridge and structural inspection for earthquake response.

United States Navy

Construction Force Commissioned Officer, Lieutenant (O-3) 2008 – 2012

- ◆ Led engineering and contracting staff of 300 and capital budget of \$500M.
- ◆ Managed utility construction operations in the Middle East, Southeast Asia, Europe, and Africa.
- ◆ Managed traditional and renewable energy programs implementation.

EDUCATION

Doctor of Engineering Science – Engineering and Systems Management | The George Washington University | Washington, DC
 Master of Business Administration – Strategy and Finance | USC | Los Angeles, CA
 Master of Engineering – Quality Management | USC | Los Angeles, CA
 Bachelor of Science – Civil/Environmental Engineering | USC | Los Angeles, CA

CERTIFICATIONS

DAWIA Engineering Management Level II | DAWIA Contract Management Level I | FEMA ICS Series 100, 200, 300, 400, 700

HOBBIES

Crossfit | Spearfishing | Mountaineering | SCUBA