# CARLOS MENDES

## Solar Panel Roofer

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### SUMMARY

Solar Panel Roofer with 8 years of experience integrating solar mounting systems with residential and commercial roofing. NABCEP PV Installation Professional, OSHA 30 certified, and GAF Master Elite applicator. Completed 320+ solar-integrated roofing projects totaling $11.8M, achieving 99% leak-free installation records and 98% customer satisfaction.

### EDUCATION

**Bachelor of Science in Environmental Engineering**
University of California, Los Angeles · Jun 2015 · Los Angeles, CA
Environmental Engineering · GPA: 3.5

### EXPERIENCE

**Solar Panel Roofer / Solar Integration Lead**
SunPower Authorized Roofing Partner (Pacific Coast Roofing Solutions) · Apr 2020 - Present
San Diego, CA
*Solar panel installation integrated with roofing system installation and waterproofing.*

- Led installation of SunPower solar panel systems on 180+ residential and commercial rooftops totaling $8.4M in project value
- Achieved 99% leak-free installation record by following precision flashing and conduit penetration protocols on every project
- Maintained 98% customer satisfaction score per post-project surveys over 4 consecutive years
- Reduced average installation time by 18% by developing a standardized roof-mounting workflow adopted across a 6-person crew

**Journeyman Roofer / Solar Installer**
GAF Materials Corporation (Authorized Installer) · Jan 2016 - Mar 2020 · Los Angeles, CA
*Residential roofing installation with integrated solar panel mounting systems.*

- Installed GAF Timberline and EnergyGuard roofing systems on 140+ homes with solar panel pre-wire capability
- Earned NABCEP PV Installation Professional certification after completing 1,200+ hours of hands-on solar installation
- Achieved zero solar system-related leak callbacks on all 140+ rooftops through thorough penetration flashing and sealant application

### SKILLS

**Solar Panel Mounting Systems** • **GAF Shingle & Solar Integration** • **Penetration Flashing**
**NABCEP PV Certification** • **OSHA 30** • **Crew Leadership** • **Customer Communication**
**Roof Structural Assessment**

### CERTIFICATES

**NABCEP PV Installation Professional**
North American Board of Certified Energy Practitioners
Aug 2018
*National certification for solar photovoltaic installation competency*

**OSHA 30-Hour Construction Safety**
OSHA
Mar 2019
*Advanced safety certification for construction supervisors*

**GAF Master Elite Certified Applicator**
GAF Materials Corporation
Oct 2020
*Advanced certification in GAF roofing system installation*

### LANGUAGES

English
Native

Spanish
Fluent

### HOBBIES

Hiking • Sustainable Living