

Christopher Carter, P.E. | Forensic Engineer

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Professional Summary:

Christopher Carter is a Licensed Professional Engineer and a Certified Fire and Smoke Damage Technician. With over 8 years of experience in the forensic field, he specializes in residential structures, roof inspections, and combustion-by-product testing. Christopher started as an intern at EFI Global's Northern California district office in the Summer of 2016 and transitioned to a full-time employee in December 2017. After graduating college, he began working as a Forensic Consultant for the EFI assessing properties affected by smoke damage and performing roof assessments. Currently, he works as a Forensic Engineer based out of Sacramento, CA and is licensed and working in multiple western and costal state while in the process of obtaining his California Civil Engineering License.

Licenses and Certifications:

Registered Civil Engineer in Nevada, License Number 032217

Registered Civil Engineer in Colorado, License Number 0064030

Registered Civil Engineer in Utah, License Number 13833773-2202

Registered Civil Engineer in Idaho, License Number P-23057

Registered Civil Engineer in Louisiana, License Number 0048764

Registered Civil Engineer in Texas, License Number 151986

Registered Civil Engineer in Arizona, License Number 80890

Engineering in Training in Civil Training, California Board for Professional Engineers, Land Surveyors, and Geologists, CA, Certificate No 163053

Council-certified Fire & Smoke Damage Technician, American Council for Accredited Certification, Certificate No 1811015

Project Experience:

Redding, CA

Hail Damage Assessment

Roof assessment for hail damage resulting from a hail producing storm in 2019 was performed to numerous properties throughout the city of Redding.

Greater Sacramento Area, CA

Foundation Damage Assessments

Assessment of properties throughout the greater Sacramento Area for foundation settlement to identify the cause of settlement and/or cracking in the foundation slab.

Central International Fellowship Church, Sacramento, CA

Repair Plans for a fire damaged structure

Structural repair plans were developed to restore a 14,000 sqft church that endured significant fire damage due to arson. The project encompassed the restoration of damaged walls and roof components,

implementation of ADA upgrades, complete redesign of the second level, and installation of replacement of custom arches in the 3,000 sqft Sanctuary.

Vale Resorts, South Lake Tahoe, CA
Wildfire Smoke Damage Assessment

Smoke damage assessment was performed at Heavenly and Kirkwood Ski Resorts to determine the extent of smoke damage caused by the Caldor Wildfire. Combustion by product testing was performed throughout the entirety of both resorts.

Centennial Peak Hospital, Louisville, CO
Wildfire Smoke Damage Assessment

Smoke damage assessment was performed of the Hospital to determine the extent of smoke damage caused by the Marshal Wildfire. Combustion by product testing was performed throughout the interior of hospital.

Professional Experience:

EFI Global, Forensic Consultant, July 2018 – Current
Unified Investigations & Sciences, Forensic Consultant, May 2016 – July 2018

Specialized Education:

Vale Training, Advanced Roofing Certification, July 2019 (tested)

Education:

Bachelor of Science, Architectural Engineering, California State Polytechnic University San Luis Obispo, San Luis Obispo, CA, 2017

Affiliations:

American Society of Civil Engineers, ASCE, Member

Honors and Awards:

Eagle Scout, Boy Scouts of America, June 2013

Pinnacle Award Top 5, EFI Global, 2021-2022