

FIREPLACE AND CHIMNEY FORENSIC CONSULTANT

ERIC HERRMANN

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EXPERIENCE

2015 – 2017

(Part time during summers)

E&E CHIMNEY SWEEPS

96 Trenton Rd. Fairless Hills, PA 19030

Chimney Sweep / Technician / Inspector

Serviced, inspected, and installed a full range of residential fireplace systems, including masonry fireplaces, factory-built fireplaces, wood stoves, wood-burning inserts, pellet stoves, and gas fireplaces. Also installed stainless steel chimney liners for heating system exhaust flues, chimney caps, and damper systems.

2018

DJ CROSS INC. CHIM CHIMNEY

2 Old Pennell Rd. Media, PA 19063

Chimney Sweep / Inspector / Mason

Specialized in chimney sweeping and inspections for residential systems, while regularly supporting large-scale fireplace restorations, chimney relining, and masonry repair projects. Work involved both routine maintenance and complex repairs to aging or damaged structures.

2021

(Part time during the summer)

ANTRIM'S A GOOD SWEEP CHIMNEY & MASONRY SERVICE

2045 Orlando Rd. Unit C, Pottstown, PA 19464

Chimney Technician / Mason

This experience included chimney masonry and fireplace restoration work, including chimney rebuilds, relining, smoke chamber repairs, and firebox restoration. Involved in all phases of repair across a variety of residential systems.

2020-2025

BLACK DOG CHIMNEY SERVICE, LLC.

Lehighton, PA 18235

Owner – Chimney Sweep / Technician / Inspector

Owned and operated a licensed chimney service business specializing in residential systems. Performed chimney sweeping, inspections, stainless steel relining, smoke chamber repairs, chimney cap installation, component replacement, and system troubleshooting. Completed installations of various fireplace and stove appliances with corresponding venting systems. All services conducted in accordance with NFPA 211 standards, including inspection of existing chimneys and related documentation.

2016 – 2018

Part time

LEO HERRMANN FIREPLACE AND CHIMNEY SERVICE INC.

Lehighton, PA 18235

2018 – Present

Full Time

Fireplace and Chimney Forensic Consultant / Fire Investigation Consultant / Subject Matter Expert

Fireplace and chimney forensic consulting on structure fires and related insurance claims across residential, commercial, and industrial properties. Provided expert evaluation, code analysis, and documentation specific to fireplace and chimney systems for use in insurance, legal, and restoration contexts. Inspections performed in accordance with NFPA 211 Chapter 15 requirements, including the inspection of existing chimneys.

EDUCATION

2011 – 2015

PENNSBURY HIGH SCHOOL

Fairless Hills, PA 19030

High School Diploma (2015)

2015 – 2017

MILLERSVILLE UNIVERSITY OF PENNSYLVANIA

Millersville, PA 17551

Completed coursework toward B.S. in Occupational Safety and Environmental Health. Relevant coursework included fire protection systems, occupational safety standards, and hazard analysis.

CERTIFICATIONS

2018 – Present

CSIA – CERTIFIED CHIMNEY SWEEP

2155 Commercial Dr. Indianapolis, IN 46168

(317) 837-5362

Chimney Safety Institute of America

Certification #9887

2019 – Present

F.I.R.E. CERTIFIED FIREPLACE INSPECTOR

5325 Commerce Ave #5, Moorpark, CA 93021

(805) 552-9954

Fireplace Investigation, Research, and Education

Certified Fireplace Inspector #FP-323

2021 – Present

NFI CERTIFIED MASTER HEARTH PROFESSIONAL

2000 14th Street N Suite 300, Arlington, VA 22201

(703) 524-8030

National Fireplace Institute

Certified Gas Specialist, Certified Wood-burning Specialist, and Certified Pellet Specialist

NFI ID#: 179423

2025 – Present

NAFI CERTIFIED FIRE AND EXPLOSION INVESTIGATOR

4900 Manatee Ave. West, Suite 104, Bradenton, FL 34209

(877) 506-NAFI

National Association of Fire Investigators

CFEI # 29978-17586

2021 - Present

FAA PART 107 CERTIFIED SMALL UAS REMOTE PILOT

800 Independence Ave SW, Washington, DC 20591

1-866-TELL-FAA

US Department of Aviation - Federal Aviation Administration

Certificate #4533707

FIREPLACE, CHIMNEY, AND HEARTH INDUSTRY-RELATED TRAINING

February 2019

FIREPLACE INVESTIGATION, RESEARCH, AND EDUCATION (F.I.R.E.)

New England Chimney Supply

34 Commerce St. Williston, VT 05495

Instructor: Dale Feb

August 2018

NATIONAL CHIMNEY SWEEP TRAINING SCHOOL (NCSTS)

Chimney Safety Institute of America

2155 Commercial Dr. Indianapolis, IN 46168

Instructors: Joe Sauter and Russ Dimmitt

August 2021

CSIA GAS CLASS – INSTALLING AND TROUBLESHOOTING GAS HEARTH APPLIANCES

Chimney Safety Institute of America & National Fireplace Institute

2155 Commercial Dr. Indianapolis, IN 46168

Instructors: Rich Vlahos and Jim Brewer

May 2022

CSIA CHIMNEY SCIENCE CLASS

Chimney Safety Institute of America

100 Adams Ave. Scranton, PA 18503

Instructor: Jim Brewer

May 2022

NFI PELLET REVIEW CLASS

MAHPBA – National Fireplace Institute

2300 Lincoln Highway East, Lancaster, PA 17602

Instructor: Rich Sedgewick

FIRE INVESTIGATION INDUSTRY-RELATED TRAINING

June 2025

NAFI FIRE INVESTIGATION TRAINING PROGRAM

National Association of Fire Investigators

2100 S Priest Dr. Tempe, AZ 85282

Instructors: Kathryn Smith, Jason Sutula, Patrick Drottar, Ryan Cox, James Kanavy, Tal Nagourney

OTHER VALUABLE TRAINING

June 2021

DART DRONES BASIC DRONE TRAINING AND PART 107 TEST PREP

PO Box 980531 Park City, UT 84098

Instructor: Michael Martin