Curriculum Vitae

Kourosh Nikoui

Nikoui & Associates, Forensic Identification Services & Consulting, Inc.

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DUTIES AND RESPONSIBILITIES:

As a private Certified Forensic Identification Consultant and the Chief Operating Officer of Nikoui & Associates, Forensic Identification Services and Consulting, Inc., I oversee the management and operation of my company. I offer a diverse range of professional forensic identification services to a broad spectrum of clients, which includes law enforcement agencies, private firms, legal professionals, insurance companies, and private individuals. The services I provide can be summarized as follows:

- Collection, preservation, documentation and recovery of latent print impressions from a variety of objects and surfaces
- Analysis, comparison, identification and verification of friction ridge impressions, i.e. finger, palm and footprints
- AFIS processing (Automated Finger and Palm Print Identification System) services through utilization of the FBI/NGI system via ULW operating system
- Comparison and analysis of footwear impressing
- Technical forensic photography, digital imaging, image enhancement and image processing
- Expert witness testimony in courts of law
- Training law enforcement agencies' in various forensic disciplines
- Technical and administrative latent print case review for authenticity and validity
- Crime scene investigation and evidence collection
- Crime scene investigation case review and verification
- Forensic consultation, creating comprehensive posters and displays for presentation in court

PROFESSIONAL CERTIFICATION

Certified Latent Print Examiner, CLPE (International Association for Identification)

Certified Senior Crime Scene Analyst, CSCSA (International Association for Identification)

Certified Forensic Photographer, CFPH (International Association for Identification)

EXPERIENCE:

1985-1987	Photo Lab Technician - Alameda County Sheriff Department Central Identification Bureau
1985-2009	Kourosh Nikoui Photography – Professional Photography Services and Digital Imaging Services – Newark, California
1987-1988	Identification Technician - Fremont Police Department Crime Lab
1988-1997	Identification Specialist III, Crime Lab Supervisor - Fremont Police Department Crime Lab
1997-2015	Chief Forensic Specialist, Crime Lab Manager - Fremont Police Department Crime Lab
2005-2014	Forensic Identification Services Consultant – Newark, California
2014-2022	Nikoui & Associates – Forensic Identification Services & Consulting, LLC Newark, California

EDUCATION:

Bachelor Degree in Fine Arts w/Emphasis in Photography

1981-1983, University of South Dakota

Associate degree in Arts

1979-1981, Marshalltown Community College, Iowa

FORENSIC EDUCATION & TRAINING:

The following is a list of formal educational training received across various fields of forensic science, including supervision and management in law enforcement.

“FBI Fingerprint Classification"
F.B.I. / College of Redwoods
Eureka, California
August 1987 40 hrs.

“FBI Advanced Latent Fingerprint Techniques"
F.B.I. / College of Redwoods
Eureka, California
August 1987 40 hrs.

"Crime Scene Video Taping Seminar"
Garrett Video Productions
San Leandro, California
September 1987 24 hrs.

Northern California Laser and Forensic Identification Study Group Workshops
Various locations
Northern California Law Enforcement Agencies
1988 - 2022 400 hrs.

"CAL-ID Automated Fingerprint Identification Training"
NEC Technologies, Inc. Alameda County Sheriff Department
Hayward, California
April 1998 40 hrs.

"Field Evidence Technician Course"
California State University
Long Beach, California
March 1988 120 hrs.

"Expert Witness Training"
Alameda County District Attorney's Office
Oakland, California
August 1988 8 hrs.

"FBI Bombing Investigators' Seminar"
F.B.I. / College of Redwoods
Eureka, California
April 1989 40 hrs.

“FBI Death Investigation"
Northern California Public Safety, Sacramento City College
Sacramento, California
October 1989 80 hrs.

"Sudden Unexpected Death in Infants and Children"
Contra Costa Criminal Justice Training Center Los Medanos College
Brentwood, California
November 1989 8 hrs.

"Advanced Field Evidence Technician Course"
California State University
Long Beach, California
December 1989 40 hrs.

“CSDIAI Annual Training Seminar"
California Division of International Association for Identification
Los Angeles, CA
May 1990 21 hrs.

“DOJ Clandestine Laboratory Investigation"
California Department of Justice Criminalistic Institute Training Center
Sacramento, CA
May 1990 24 hrs.

"P.O.S.T. Hands on Computer Training"
San Diego Regional Training Center
San Diego, California
June 1990 40 hrs.

"Advanced Palm Print Identification"
San Francisco Police Department
San Francisco, California
October 1990 24 hrs.

"Laser Fingerprint Development Workshop"
Texas Tech University
Lubbock, Texas
Jan. 1991 40 hrs.

"DOJ Fluorescent Methods of Latent Fingerprint Development Utilizing ALS
DOJ California Criminalistics Institute
Sacramento, California
June 1991 24 hrs.

"DOJ Specialized Latent Print Techniques"
DOJ California Criminalistics Institute
Sacramento California
July 1991 40 hrs.

"FBI Administrative Advanced Latent Fingerprint School"
FBI Academy
Quantico, Virginia
Jan. 1992 120 hrs.

"Frontline Leadership Training"
City of Fremont
Fremont, California
June1992 80 hrs.

"FBI Latent Print Photography Course"
California Criminalistics Institute
Sacramento, California
March 1993 40 hrs.

"DOJ Firearm Safety in a Laboratory Environment"
California Criminalistics Institute
Sacramento, California
March 1994 24 hrs.

"CSDIAI Annual Training Seminar"
International Association for Identification California State Division
San Jose, California
April 1994 25 hrs.

"Chemical Safety"
Napa County Sheriff's Office
Napa, California
September 1994 8 hrs.

“Introduction to Digital Imaging"
Keeble and Shuchat Photography
Palo Alto, California
April 1994 40 hrs.

"Advanced Officer Training"
Fremont Police Department
Fremont, California
July 1994 16 hrs.

"Managing Change in the Workplace"
Fremont Police Department
Fremont, California
August 1994 8 hrs.

"Cultural Diversity Training"
Fremont Police Department
Fremont, California
October 1994 8 hrs.

"Sergeants Workshop in Community Oriented Policing"
Justice Training Institute
Napa, California
February 1995 24 hrs.

"Digital Technology Training Seminar"
Viscomm West ‘95
San Francisco, California
June 1995 32 hrs.

“IAI Annual Training Seminar"
International Association for Identification 80th Educational Conference
Costa Mesa, California
July 1995 40 hrs.

“CSDIAI Annual Training Seminar"
California State Division of International Association for Identification
San Francisco, CA
May 1996 28 hrs.

"Crime Scene Investigation and Reconstruction"
National Crime Scene Investigation and Training, Fremont Police Department,
Fremont, California
November 1996 60 hrs.

“CSDIAI Annual Training Seminar"
International Association for Identification California State Division
Orange, California
May 1997 25 hrs.

“Fuji Film Automated Photo Processing Training"
Fuji Training Center
Cyprus, California
June 1997 40 hrs.

"Cultural Diversity"
Fremont Police Department
Fremont, California
April 1998 40 hrs.

"Advanced Ridgeology Comparison Techniques"
Forensic Identification Training Seminars, LLC / Grossmont College
El Cajon, California
August 1999 40 hrs.

"Tools For Tolerance"
Museum of Tolerance
Los Angeles, California
May 1999 8 hrs.

“CSDIAI Annual Training Seminar"
International Association for Identification California State Division
Whittier, California
May 1999 29 hrs.

“DOJ Serial Number Restoration"
California Criminalistics Institute
Livermore, California
March 2000 24 hrs.

"Automated Fingerprint Identification NEC AFIS 21 Training"
NEC Technologies, Inc. / Alameda County Sheriff CIB
Hayward, California
April 2000 40 hrs.

“CSDIAI Annual Training Seminar"
California State Division of International Association for Identification
Laughlin, Nevada
May 2000 22 hrs.

“CSDIAI Annual Training Seminar"
California State Division of International Association for Identification
San Jose, California
May 2001 24 hrs.

“DOJ Bloodstain Pattern Interpretation"
DOJ California Criminalistics Institute
Sacramento, California
June 2001 40 hrs.

“FBI Detection and Recovery of Footwear and Tire Evidence"
FBI Evidence Response Training Center
Oakland, California
June 2001 24 hrs.

“FBI Footwear Impression Evidence: Detection, Recovery & Examination"
DOJ California Criminalistics Institute
Sacramento, California
November 2001 40 hrs.

"Civilian Supervisory Course"
Golden West College, Criminal Justice Training Center
Huntington Beach, California
March 2002 80 hrs.

"IAI Annual Training Seminar"
California State Division of International Association for Identification
Monterey, California
April 2002 28 hrs.

"I.A.I Annual Training Conference"
International Association for Identification
Las Vegas, Nevada
August 2002 40 hrs.

"Post Leadership & Accountability"
Marin Consulting Associates
San Luis Obispo, California
July2002 16 hrs.

"CSDIAI Annual Training Seminar"
California State Division of International Association for Identification
Sacramento, CA
May 2004 24 hrs.

"Hazard Communication Awareness 29 CFR"
Onyx Environmental Services / City of Fremont
Fremont California
September 2004 8 Hrs.

"CSDIAI Annual Training Seminar"
California State Division of International Association for Identification
San Jose, California
May 2005 30 hrs.

"Death Investigation Training for Law Enforcement - "Inside the Tape"
Oakland Police Department
Oakland, California
August 2005 24 hrs.

"IAI International Training Conference"
International Association for Identification
Boston Massachusetts
July 2-7 2006 40 hrs.

“I.A.I. International Training Conference”
California State Division of International Association for Identification
San Diego, California
July 22-28, 2007 40 hrs.

“The IAI International Training Conference”
International Association for Identification
Louisville, Kentucky
August 17-23, 2008 40 hrs.

“CSDIAI International Training Conference”
California State Division of International Association for Identification
San Jose, California
May 18-22 , 2009 32 hrs.

“The IAI International Training Conference”
International Association for Identification
Tampa, Florida
August 16-22, 2009 40 hrs.

“The IAI International Training Conference”
International Association for Identification
Spokane, Washington
July 11-17, 2010 40 hrs.

“The CAL-ID CAFIS Training”
Alameda County Sheriff's Central Identification Bureau
Oakland, California
Nov. 18-21, 2010 16 hrs.

“Automated Fingerprint Identification 3M Cogent Training Course”
Alameda/Contra Costa Counties Sheriff Departments
Oakland, CA
Jan. 14-16, 2011 24 hrs.

“CSDIAI Training Conference”
California Division of International Association for Identification
Napa, California
May 16-20 , 2011 40 hrs.

"The IAI International Training Conference"
International Association for Identification
Milwaukee, Wisconsin
August 7-13, 2011 40 hrs.

"FBI IAFIS Training – Universal Latent Workstation, ULW Training"
Alameda County Sheriff Training Center
Dublin, California
Feb. 28-29, 2012 16 hrs.

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
San Diego, California
May 7-11, 2012 40 hrs.

"The IAI International Training Conference"
International Association for Identification
Phoenix, Arizona
July 22-28, 2012 40 hrs.

"Analysis of Distortion in Latent Prints"
Tritech Forensic Training
Sacramento, California
November 8-9, 2012 16 hrs.

"FBI Latent Print Advanced Testimony Workshop"
DOJ California Criminalistic Institute
Sacramento, CA.
March 25-26, 2013 16 hrs.

"Basic/Intermediate Crash/Crime Zone Software Diagram Program Training"
FARO Crime Scene Laser Scanning Training
Fremont, CA.
April 1-5, 2013 40 hrs.

"CSDIAI Training Conference"
California Division of International Association for Identification
Sacramento, CA.
April 29 – May 3, 2013 40 hrs.

"Statistics, Ridgology and ACE-V"
Alameda County Sheriff's Training Center - Elite Forensic Services
Dublin, CA.
May 20 – May 24th 40 hrs.

"The IAI International Training Conference"
International Association for Identification
Providence, Rhode Island
August 4-10, 2013 40 hrs.

"FBI Universal Latent Workstation (ULW) Software Workshop"
DOJ California Criminalistic Institute
Sacramento, California
August 12, 2013 16 hrs.

"FARO 3D Crime Scene Laser Scanner Training"
FARO Crime Scene Mapping
Fremont, CA
September 18-20, 2013 24 hrs.

"Scientific Analysis (ACE-V): From the Laboratory to Witness Stand"
Fingerprint Analysis, Comparison, Evaluation and Verification RS&A
Fremont, CA
Sept. 30 – Oct. 4, 2013 40 Hrs.

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
Riverside, CA.
April 27 – May 2, 2014 40 hrs.

"The IAI International Training Conference"
International Association for Identification
Minneapolis, Minnesota
August 4-8, 2014 40 hrs.

"The IAI International Training Conference"
International Association for Identification
Sacramento, California
August 2-7, 2015 40 Hrs.

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
Costa Mesa, CA.
May 2 – May 6, 2016 40 hrs

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
Monterey, CA
May 22-26, 2017 40 hrs.

"Western States Joint IAI Training Conference
International Association for Identification
Las Vegas, NV
April 30 - May 4, 2018 40 hrs.

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
Burlingame, CA
April 15-19, 2019 40 hrs.

"CSDIAI Annual Training Conference"
California Division of International Association for Identification
Virtual
April 12-16, 2021 40 hrs.

"CSDIAI Annual Educational Training Conference"
California Division of International Association for Identification San Diego, CA
May 22-26, 2023 40 hrs.

"The IAI International Education Conference"
International Association for Identification National Harbor, Maryland
August 20-26, 2023 40 hrs.

"The IAI International Education Conference"
International Association for Identification Reno, Nevada
August 12-16, 2024 40 hrs.

CSDIAI Training Conference
Palm Spring, CA

May 11-15, 2026 40 hrs.

ASSOCIATION MEMBERSHIPS:

Local and Regional CAL-ID AFIS Technical Advisory Committee

International Association for Identification (IAI State Division)

International Association for Identification (IAI Parent Body)

Northern California Forensic Identification Study Group

California Friction Ridge Study Group

International Crime Scene Investigators Association (ICSIA)

I have served on various committees including the Scholarship, Membership, Crime Scene Certification and Certification committees in the California State Division of the International Association for Identification.

PUBLICATIONS:

"Thermal Latent Print Development", July-August 2012 Issue, Evidence Technology Magazine

"Foster + Freeman's Natural 1 IR Fluorescent Fingerprint Powder" An Independent Product Review, Nov.-December 2015 Issue, Evidence Technology Magazine

COURT EXPERIENCE:

I have qualified and testified as an expert witness approximately 150 times in various forensic disciplines, including latent print comparison, Automated Latent Print Identification Systems (AFIS), physical evidence processing, crime scene investigation, footwear identification, and others, in many California Superior and U.S. Federal courts.

TRAINING COURSES PROVIDED:

The following is a list of presented training courses:

- AFIS Processing (Automated Fingerprint Identification System)
- Crime Scene Photography including macro and fluorescent techniques
- Alternate Light Source Use in Forensic
- Finger and Palm Print Analysis, Comparison, and Identification
- Latent Evidence Processing Techniques
- Metal Detector and Laser Trajectory at Crime Scene
- Shoe Print Recovery Using Electro Static Lifters
- Digital/Film Based Crime Scene Photography
- Digital Image Enhancement/Photoshop Software
- Digital Video Editing
- Digital Graphic Design, Posters and Displays
- Photo Processing, Film Based and Digital Methods
- Recovery and Identification of Shoe Prints and Tire Track
- Presumptive Testing of Blood, Semen and Saliva
- Video Analysis and Frame Enhancement and Capture
- Palm Print Orientation & Classification
- Thermal Fingerprint Development and Processing
- Fingerprint Development and Latent Prints Photography
- Latent Print Enhancement with Photoshop and other Plug-ins

CONTRACTUAL LAW ENFORCEMENT FORENSIC CONSULTING SERVICES:

Experienced in providing contractual law enforcement forensic consulting services, with a strong background in delivering expert analysis and strategic guidance to ensure legal compliance and optimize forensic processes.

San Leandro, California Police Department 2005 to 2015

University of California Berkeley Police, 2010 to 2016

Hayward, California Police Department, 2005 to 2017

Union City, California Police Department, 2007 to 2018

Newark, California Police Department, 2012 to 2017

Pleasanton, California Police Department, 2010 to Present

San Francisco Bay Area Rapid Transit Police Department (BART PD), 2014 to 2019

PRIVATE FORENSIC CONSULTING SERVICES:

Since 2015, in addition to serving law enforcement agencies, I have provided a wide range of identification and evidence processing services to a diverse clientele, including law firms, insurance companies, federal and state public defenders, private investigators, businesses, public entities, and private citizens. These services include:

- Chemical and Physical Fingerprint Processing
- Fingerprint Analysis and Comparison
- Fingerprint Reanalysis and Case Reevaluation
- DNA Recovery, Collection and Documentation
- Footwear Analysis and Comparison
- Forensic Photography and Image Analysis
- Crime Scene Investigation and Reconstruction

BLOG ARTICLES WRITTEN

1. Deciphering Distortions: Understanding the Causes of Fingerprint Variability
2. Decoding Identity: Understanding the Differences Between DNA and Fingerprint Processing
3. Unveiling Hidden Clues: The Science of Ninhydrin Fingerprint Development
4. Unveiling the Passage of Time: The Effect of Time on Fingerprint Development and Recovery
5. Unveiling Clues: The Science of Fingerprint Development with Cyanoacrylate Ester Fumes
6. Revealing Clues: The Art of Footwear Examination in Forensic Science
7. Enhancing Clarity: Cyanoacrylate Ester Fuming Image Enhancement Solutions
8. Beyond the Print: The Evolution of Automated Fingerprint Identification
9. Tracing Identity: The Captivating History of Fingerprints
10. Erroneous Identification – The Brandon Mayfield & Madrid Train Bombing Case: Lessons Learned in Fingerprint Identification
11. Challenges and Innovations in Fingerprint Identification Today
12. Tracking the Trail: The Role of Footwear Analysis in Forensic Investigations
13. Exploring the Features of Friction Ridge Skin: Attributes, Diagnosticity, and Limitations
14. Fingerprint Powder vs. Chemical Processing: A Comparative Guide for Forensic Investigations
15. The Evolution and Application of Fingerprint Powder in Forensic Science

16. Decoding the Footwear Evidence: The Role of Shoe Analysis in the O.J. Simpson Case
17. Exposing the Enigma of Uniqueness: The Fascinating World of Fingerprint Identification
18. Can Forensic Investigators Determine the Age of Fingerprints?
19. Can Fingerprint Structure Reveal Insights About an Individual?
20. Artistry and Science: The Intricate World of Footwear Sole Manufacturing and Forensic Identification
21. Exploring the Intricacies of the Volar Surface: Microscopic and Macroscopic Morphometric Attributes
22. Unsealing Hidden Clues: The Use of Vacuum Metal Deposition in Fingerprint Recovery
23. Unlocking Hidden Clues: 1,2-Indanedione as a Cutting-Edge Fingerprint Developer
24. Unveiling Fingerprints on Human Skin: Techniques and Case Studies
25. The Formation and Permanence of Fingerprints: A Journey from the Womb to Adulthood
26. Understanding Physical Evidence at a Crime Scene
27. The Analysis Phase of the ACE-V Method: Determining the Quality and Suitability of Fingerprint Impressions
28. Recording Friction Ridge Exemplars: Traditional vs. Modern Methods
29. Daubert Challenges to Fingerprint Evidence
30. The Importance of Collaboration in Crime Scene Investigation
31. Crime Scene Investigation and Reconstruction: Unearthing the Truth
32. Limitations of Fingerprint Analysis: What Forensic Experts Want You to Know
33. Fingerprint Evidence: How to Spot Forged and Fabricated Fingerprints
34. Fingerprint Evidence: Common Misconceptions
35. Crime Scene Photography: The Art and Science Behind Forensic Photography
36. Crime Scene Investigation & Forensic Expert's Role
37. Understanding Blood Spatter Analysis in Crime Scene Reconstruction
38. The Human Element in Forensics: Why Training and Experience Matter
39. Comprehensive Guide to Fingerprint Analysis Services: Processes and Documentation
40. Crime Scene Case Review: Forensic Expert Challenges
41. When Mistakes Happen: Learning from Errors in Forensic Investigations
42. The Science Behind Fingerprint Identification: What Makes Each Print Unique?
43. Capturing the Scene: The Importance of Forensic Photography in Criminal Investigation
44. The Art and Science of Footwear Analysis
45. The Forensic Toolkit: Essential Skills Every Expert Must Master
46. Forensic Technology: A New Era of Evidence Analysis
47. Forensic Opinions: Expert Testimony in Court