

Curriculum Vitae of Daniel McLain

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Summary of Experience

- I served four years in the United States Marine Corps and was honorably discharged as a non-commissioned officer in 1994. I then worked as a security guard at the Wells Fargo Center in downtown Los Angeles for about 6 months before being hired by Orange County as a deputy sheriff. After graduating from the Orange County Sheriff's Academy, I worked at the central men's jail for approximately 6 ½ years where I was promoted to Deputy Sheriff II. During my time assigned to the jail I worked patrol positions in both north and south Orange County as part of a rotational program. In 2001 I was transferred to south operations and assigned to the city of Aliso Viejo as a patrol deputy. While assigned to Aliso Viejo, I attended Basic, Intermediate, and Advanced Traffic Collision Investigation as well as Traffic Accident Reconstruction, the RADAR/LIDAR operator's course, and the Field Training Officer course. During that time, I was assigned to be the traffic enforcement deputy for the City of Aliso Viejo and became a member of the Orange County Sheriff's Department's Major Accident Reconstruction Team (M.A.R.T.). One of my duties at that time was to train new patrol deputies in traffic enforcement and accident investigation. I was then assigned to the Orange County Sheriff's Department's Traffic Bureau for over three years where my duties included reviewing and approving traffic collision reports submitted by deputies and civilian accident investigators, filing criminal traffic cases with the DA's office, and other ancillary duties as assigned. I have been recognized as an expert in collision reconstruction, accident investigation, and general traffic knowledge by courts in Orange and Los Angeles Counties.

Employment History

- **September 10, 2022 – Present: Owner and Principal at DHM Crash Consulting and Accident Reconstruction Services**
- January 2022 – Present: Accident Reconstruction Expert at Impact General, Inc.
- January 3, 1995 – September 9, 2022: Orange County Sheriff's Department
 - Sergeant, City of Rancho Santa Margarita – July 17, 2020 – September 9, 2022
 - OCSD sUAV Drone Pilot - January 3, 2022 - September 9, 2022
 - Sergeant Central Men's Jail – March 16, 2018 – July 17, 2020
 - Background Investigator – October 14, 2016 – March 16, 2018
 - Motor Deputy – March 2014 – October 14, 2016
 - Patrol Deputy – June 2012 – March 2014
 - Traffic Bureau - December 2008 – June 2012
 - Motor Deputy – May 2006 – December 2008

- Traffic Enforcement Deputy - July 2004 – May 2006
- Patrol Deputy - September 2003 – July 2004 (traffic position disbanded)
- Traffic Enforcement Deputy – September 2002 – September 2003
- Patrol Deputy – December 14, 2001 – September 2002
- Deputy Sheriff II Central Men’s Jail – June 30, 2001 – December 14, 2001
- Deputy Sheriff I Central Men’s Jail – June 21, 1995 – June 30, 2001
- Deputy Sheriff Trainee Orange County Sheriff’s Academy – January 3, 1995 – June 21, 1995
- July 1994 – December 27, 1994 – Langner Security Services
- June 25, 1990 – June 24, 1994 – United States Marine Corps
 - Camp Pendleton, CA - February 21, 1992 – June 24, 1994
 - Okinawa, Japan – February 21, 1991 – February 20, 1992
 - Marine Corps Training – June 1990 – February 1991

Traffic Related Duties

- **Traffic Accident Report Review, Accident Investigation/Reconstruction**
 - Major Accident Reconstruction Team (M.A.R.T.) Member October 2003 – February 2016
 - Participated in investigation/reconstruction of over 104 fatal/major injury collisions
 - Case Agent on 20 of those fatal/major injury collisions
 - Investigated over 350 minor and moderate injury collisions
 - Investigated over 150 crime related collisions
 - Investigated over 500 non-injury collisions
 - Assisted civilian & patrol officers in interviews, scene documentation and determination of fault in thousands of non-injury and minor injury collisions
 - Witnessed and issued citations for over 2550 speeding violations
 - Witnessed and issued citations for over 2090 right-of-way and other unsafe violations

Educational Background

- I currently hold a bachelor’s degree in Criminal Justice from California Coast University, and I am currently working toward my associate degree in Engineering at Norco Community College with plans to continue my education to obtain my Bachelor of Science in Mechanical Engineering.

Professional Awards and Certifications

- Certified as a Forensic Mapping Specialist
- Accreditation Commission for Traffic Accident Reconstruction (ACTAR) #2304
- Federal Aviation Administration 14 CFR Part 107 licensed Small Unmanned Aerial Vehicle pilot
- Certified Accident Reconstructionist by the Society of Automotive Engineers

Specialized Education

- Basic Traffic Collision Investigation – Orange County Sheriff’s Department, March 2002 (40 hours)
- RADAR Operator Course – Los Angeles Police Department, November 2002 (40 hours)
- LIDAR Operator Course – Los Angeles Police Department, December 2002 (8 hours)
- Intermediate Traffic Collision Investigation – Riverside County Sheriff’s Department, March 2003 (40 hours)
- Advanced Traffic Collision Investigation – Riverside County Sheriff’s Department, April 2003 (80 hours)
- Traffic Accident Reconstruction – Riverside County Sheriff’s Department, April 2004 (80 hours)
- Motorcycle Accident Investigation and Reconstruction – Institute of Police Technology and Management,
- CadZone Crime and Crash Diagramming – Kent Boots & Associates, July 18, 2007 (24 hours)
- Bosch Crash Data Retrieval Technician/Analyst – Los Angeles County Sheriff’s Department, April 13, 2009 (40 hours)
- Basic Motor Vehicle Inspection - Riverside County Sheriff’s Department, December 7, 2009 (40 hours)
- Vehicle/Pedestrian Collision Reconstruction – Rudy Degger and Associates, April 16, 2012 (40 hours)
- Interview and Interrogations for Traffic Collision Investigators – IPTM, July 9, 2012 (40 hours)
- Vehicle Dynamics and Energy Analysis – Riverside County Sheriff’s Department, April 19-23, 2021 (40 hours)
- Vehicle Crash Reconstruction: Principles and Technology – Society of Automotive Engineers International (SAE), June 15-17, 2021 (24 hours)
- Photogrammetry and Analysis of Digital Media – Society of Automotive Engineers International (SAE), September 1-3, 2021 (24 hours)
- Fundamentals of Vehicle Dynamics – Society of Automotive Engineers International (SAE), September 12, 2021 (18 hours)
- Reconstruction and Analysis of Motorcycle Crashes – Society of Automotive Engineers International (SAE), December 7, 2021 (8 hours)
- Driver Distraction from Electronic Devices: Insights and Implications – Society of Automotive Engineers International (SAE), January 4, 2022 (4 hours)
- Applying Automotive EDR Data to Traffic Crash Reconstruction – Society of Automotive Engineers International (SAE), May 3-5, 2022 (24 hours)

Research and Development

- Low speed crash testing, MacInnis Engineering, Laguna Hills, November 8, 2011
- Vehicle Pedestrian crash testing (1 blind test), Rudy Degger and Associates, Lodi, CA, April 18, 2012

Teaching Experience

- **Basic Traffic Collision Investigation** – Rancho Santiago Community College District, November 16, 2009 – Present
- **Crash Data Retrieval Technician Level 1 and 2** – Robert Bosch, LLC., January 20, 2012 – January 20, 2014
- **Basic Accident Reconstruction** – National Insurance Crime Bureau Special Investigator Academy, May 2016

Professional Affiliations

- **California Association of Accident Reconstruction Specialists (CA²RS)** – Member, March 2003 – Present
- **Association of Orange County Deputy Sheriffs** – Member, June 1995 – Present
- **Avoid the 13 DUI Taskforce** – July 2004 – October 2016
- **Orange County Traffic Officer's Association** – Member June 2005 – September 2022
- **Orange County Traffic Investigator's Association** – Member January 2009 – September 2022
- **International Association of Special Investigator Units** – Member December 2015 – December 2016
- **National Association of Professional Accident Reconstruction Specialists (NAPARS)** – Member December 2019 - Present