

# Curriculum Vitae

## Christopher C. Leone, ACTAR



Mr. Leone has more than 28 years of experience within the automotive and marine fields, and 10 years as a marine instructor. Mr. Leone's areas of expertise include marine propulsion systems, automotive diagnostics, chassis dynamics, failure analysis, fabrication and structural repair. Mr. Leone is skilled in scene investigation, evidence collection, preservation from vehicles and sites, computer photogrammetry, forensic mapping of vehicles and crash sites, and processing of 3-D digitally scanned images. He has investigated and assisted in the reconstruction of complex crashes involving multiple vehicles, heavy trucks, pedestrians, bicycles, and motorcycles. His ability to respond promptly has resulted in the preservation of critical evidence.

### Licensure and Certification

- ACTAR Accredited Traffic Accident Reconstructionist, #2974
- FAA Certificated Private Pilot 1999
- Mercury Marine Master Certified Outboard Technician 1999
- SeaDoo/Bombardier Master Certified Watercraft Technician 1998
- NAUI Certified Wreck Scuba Diver 1996
- Certified Cavern Scuba Diver 1995
- Certified Open Water Scuba Diver 1993
- NAUI Open Water Certified Scuba diver 1993
- Mercruiser Certified Sterndrive Technician 1991
- Ice Water Rescue Certified 1989

### Formal Education

- Universal Technical Institute, Orlando, FL, AS Vocational Studies 2000
- Monroe Community College, Rochester, NY, Vocational Auto Service 1984-1985

### Professional Development

- Accessing and Interpreting Heavy Vehicle Event Data Recorders Seminar, SAE, Appleton, WI, 2017
- World Reconstruction Exposition, Orlando, FL, 2016
- CDR Summit, ARC Network, 2015
- ARC-CSI Crash Conference, 2015
- Crash Data Retrieval Technician Levels 1 & 2
- Accident Reconstruction and Investigation, 2015
- Dustin Forensics Advanced Training, 2015
- EdgeFX - Advanced Diagramming, 2015
- EdgeFX - Basic Diagramming, 2014
- SAE Applying Automotive EDR Data to Traffic Crash Reconstruction 2014
- Boston Whaler Technical 2007
- Technical Divers International Nitrox Diver 2002
- Volvo-Penta Diesel 2000
- Volvo-Penta EFI 2000
- Mercury Marine Outboard Instructor 1999-2004
- Technical Instructor Mercury Marine 1999-2004

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- General Motors Marine EFI 1998
- SeaDoo/ Bombardier Instructor 1998-2001
- Harley Davidson EFI 1997
- National Speleological Society Cavern Diver 1995
- Yamaha Product Installation 1992
- Firefighter/Driver Pt. Pleasant Fire Department 1988-1990
- Nissan/Tohatsu Outboard Factory Training

### Professional Affiliations

- National Association of Professional Accident Reconstruction Specialists
- DVG-America, Deutscher Verband Gebrauchshundsportsveriene
- Porsche BMW Owners Club, racecar drivers license
- Schutzhund Club of Orlando Board of Directors
- Society of Automotive Engineers
- Sports Car Club of America, racecar drivers license

### Non-Professional Affiliations

- Israel National Lacrosse Team, World Indoor Lacrosse Championships, 2015
- Tel-Aviv Lacrosse Club, Ales Hrebesky Memorial Tournament, Prague, CZ 2014-2015
- Jacksonville Bullies (Professional Lacrosse League) Assistant Coach 2012
- Orlando Box Lacrosse League, founder 2010
- Lyman High School Lacrosse Coach 1996-2000

### Professional Experience

- Forensic Specialist, Forensic Engineering Technologies, LLC, Lake Mary, FL 2014-Present
- Designer/Fabricator/Technician, Chris Leone Motorsports, Longwood, FL 2005-2014
- Service Consultant, Parker Boat Company, Orlando, FL 2006-2008
- Laser Operator, LaserVue, Orlando, FL 2004-2007
- Technician/Fabricator, Zotz Racing, Orlando, FL 2005
- Senior Instructor, Universal Technical Institute, Orlando, FL 2003-2004
- Service Manager, Joe Pool Lake Marina, Grand Prairie, TX 2002-2003
- Service Technician, Marine Max, Grand Prairie, TX 2001-2002
- Senior Instructor, Universal Technical Institute, Orlando, FL 1993-2001

### Teaching and Curriculum

- Universal Technical Institute/Marine Mechanic Instructor - Marine Service Courses Taught: Theory and Operation of Mechanical, Electrical and Fuel Systems; Shop Practices, Tools and Rigging; Precision Measuring and Lower Unit Rebuilding; Power Head Rebuilding; Electrical Testing and Diagnostic; Fuel System Operation and Troubleshooting; Industry Operation, Dealer Operations, Computer Systems, Warranty Administration; Advances Troubleshooting and Diagnostics; Sterndrive and Inboard Service and Maintenance, Mercury/Mercruiser Technical Training.

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- Bombardier/Sea Doo Factory Instructor – Taught all aspects of service and maintenance of SeaDoo PWC and Jet Boats. Developed curriculum in basic to advanced electrical system operation and troubleshooting. Trained instructors from Europe, Australia and the Pacific Rim.
- Mercury Marine/Brunswick Marine Factory Instructor – Instructed all areas of Outboard Marine Repair. Trained instructors throughout the USA.

### Presentations

- State Farm Marine Adjusters Failure Analysis, Instructor 1999
- 1999 National Marine Service Expo, Understanding Personal Watercraft
- 2000 National Marine Service Expo, Principles of Operation Direct Fuel Injection Technology
- 1999 SeaDoo/Bombardier, Train the Trainer, Basics to Advanced Electrical Testing and Diagnosis
- 2015 ARC-CSI Crash Conference, High Speed Crash, Physical Evidence v Electronic Evidence

### Publications

- “Winterizing the Latest Two-Stroke Outboards Has Never Been Easier”, Powerboat, Becker, B. with contributions by Leone, C., February 2011
- “Failing to Service Your Water-Pump Impeller and Housing Can Lead to Trouble – and Sizeable Repair Bills”, Powerboat, Becker, B. with contributions by Leone, C., March 2007
- “PWCs Get Undue Criticism,” Boating Industry International, Leone, C., April 2001
- “9 Routine, And Not-So-Routine, Boat Fixes You Can Do Yourself”, Boating Life, Leone, C., Sept/Oct 2000
- “10 Tips for Increased Performance”, Boating Life, Leone, C., July/August 1999
- “Reader Tech Questions”, Boating Life, Answers provided by Leone, C., March/April 1999
- “Reader Tech Questions”, Boating Life, Answers provided by Leone, C., July/August 1998
- “A Guide To Winterizing Everything That Floats”, Boating Life, Leone C. July/ August 1997