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Augspurger Komm Engineering, Inc.
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EDUCATION

Bachelor of Science – Mechanical Engineering, Arizona State University, 2019
Bachelor of Science – Kinesiology, Arizona State University, 2012

EXPERIENCE

Mr. Saint-Amour is a licensed mechanical engineer in the state of Arizona, he has over five years of experience in the areas of mechanical design, 3D modeling, finite element analysis, biomechanics, physiology and exercise psychology.

Mr. Saint-Amour holds accreditation in traffic accident reconstruction through the Accreditation Commission for Traffic Accident Reconstruction (ACTAR). He also has continuing education in accident reconstruction with certifications through the Society of Automotive Engineers and the Collision Safety Institute. He is experienced in vehicle event data recording imaging *via* the Bosch Crash Data Retrieval tool.

Mr. Saint-Amour has experience with the investigations and inspections of fire scenes and automotive accident scenes, and remains educated through the International Association of Arson Investigators with coursework pertaining to electrical safety, arc mapping and motor vehicle fire investigations. Mr. Saint-Amour is an FAA Part 107 licensed drone pilot. He also has experience with industrial equipment commissioning.

EXPERIENCE HISTORY

2023 - Augspurger Komm Engineering, Inc., Senior Consulting Engineer
2019 - 2023 Augspurger Komm Engineering, Inc., Engineering Consultant
2017 - 2019 Augspurger Komm Engineering, Inc., Engineering Intern
2011 - 2019 City of Tempe, Aquatics Assistant Manager

PROFESSIONAL REGISTRATION

State of Arizona, Mechanical Engineer #79587
State of Ohio, Professional Engineers and Surveyors # PE.91867
ACTAR Accredited #3867
National Association of Fire Investigators, Certified Fire and Explosion Investigator #26269-15308

PROFESSIONAL AFFILIATIONS

Southwestern Association of Technical Investigators (SATAI)
International Association of Arson Investigators (MIAAI), Member 2022
ASTM International (ASTM), Member 2022
National Association of Fire Investigators (NAFI), Member 2021
Society of Automotive Engineers (SAE)

CERTIFICATIONS/LICENSES

IAAI – Fire Investigation Technician
FAA sUAS Remote Pilot - Certification #4292581
Collision Safety Institute - CDR System Operator
Collision Safety Institute - Crash Data Retrieval Specialist

CONTINUING EDUCATION

Electrical Aspects of Fire Investigation and Lithium-Ion Battery Fires, Phoenix, AZ, June 12, 2023
Southwestern Association of Technical Accident Investigators (SATAI)
October 2024 Conference, Glendale, AZ, October 25, 2024
January 2024 Conference, Glendale, AZ, January 4-5, 2024
August 2023 Conference, Glendale, AZ, August 18-19, 2023
March 2023 Conference, Glendale, AZ, March 2-4, 2023
Institute of Police Technology and Management (IPTM)
Human Factors in Traffic Crash Reconstruction, Nashville, TN, November 13-17, 2024
National Association Fire Investigation (NAFI)
International Symposium on Fire Investigation Science & Technology, September 16-18, 2024
NAFI Training Program, New Orleans, LA, July 18-21, 2022
Vehicle Fire Investigation Training Program, Lexington, KY, September 27–30, 2021
GoEngineer Solidworks Simulation, Connections, February 25, 2020
SAE International
Driver Distractions from Electronic Devices: Insights & Implications Web Course, July 14, 2023
Vehicle Crash Reconstruction, Principles & Technology, April 24 & 30, 2019
NASP Webinar: Climbing to the Top of Your WC Scaffolding Subrogation Case w/Success, July 10, 2018
International Association of Arson Investigators (IAAI)
NFPA 1033 and Your Career, January 17, 2022
The Scientific Method for Fire and Explosion Investigation, January 17, 2022
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, January 17, 2022
Documenting the Event, January 14, 2022
Ethics and the Fire Investigator, January 14, 2022
Arc Mapping Basics, September 4, 2020
Electrical Safety, July 23, 2020
Residential Electrical Systems, June 3, 2020
Basic Electricity, May 19, 2020
Motor Vehicle Fire Investigation, 3-Day, Newport Beach, CA, January 22-24, 2019
Investigating Motor Vehicle Fires, January 9, 2019
Motor Vehicles, Transmission, Exhaust, Brake and Accessory Systems, January 2, 2019
Motor Vehicles, The Engine and The Ignition, Electrical and Fuel Systems, January 2, 2019
Collision Safety Institute (CSI)
Crash Data Retrieval Analyst, Poway, CA, June 23-28, 2019
Crash Data Retrieval Technician, Las Vegas, NV, May 30, 2019