CURRICULUM VITAE

Benjamin Willemsen, B.A.Sc.

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EXPERT SUMMARY

Mr. Benjamin Willemsen is an Associate with the Collision Reconstruction group at 30 Forensic Engineering. He holds a Bachelor of Applied Science with a focus in Mechanical Engineering, a program he completed in French, as he is fluent in comprehension, oral communication, and writing in both French and English. Benjamin relies on hands-on experience in mechanics to conduct vehicle examinations, including self-taught expertise in welding and rebuilding motor vehicles.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Vehicle mechanical examinations
- Vehicle Mechanical Assessments and Alleged Failure Investigations
- Collision Scene Assessments
- Fluent in French Communication

ACADEMIC BACKGROUND

Bachelor of Applied Science (Mechanical Engineering, French program, graduated with Distinction), University of Ottawa, Ottawa, Ontario, 2024

ADDITIONAL COURSES AND CONFERENCES

- R3D Recon 3D Training Course, August 5, 2026
- Accessing and Interpreting Heavy Vehicle Event Data Recorders, Society of Automotive Engineers (SAE), Appleton, Wisconsin, June 2 – 5, 2026
- Module 2: How to Perform a CDR Direct-to-Module Download, Crash Academy, Crash Data Group, Online, November 2025
- Module 1: How to Use The Bosch CDR Pro Tool Kit, Crash Academy, Crash Data Group, Online, November 2025
- SAE World Congress Experience, Society of Automotive Engineers, Detroit, Michigan, April 8 – 10, 2025
- Photogrammetry 1: PhotoModeler and SynthEyes for Forensic Video Analysis, Law Enforcement & Emergency Services Video Association (LEVA), Online, December 9 – 13, 2024
- SHAD Fellow, University of Saskatchewan, 2016

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PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Associate, Collision Reconstruction
2024 – Present, Ottawa, ON

- Conduct technical investigations of motor vehicle collisions
- Investigate mechanical failures of vehicle components and equipment
- Conduct vehicle damage assessments

UHAUL Service Shop

Mechanic
2023 (Seasonal Role), Gatineau, Quebec
2022 (Seasonal Role), Gatineau, Quebec

- Assessment of all intermediate mechanical issues
- Maintenance and replacement of steering and suspension components
- Maintenance and replacement of safety and braking systems
- Maintenance and replacement of wheels and tires
- Maintenance and replacement of all fluids and their respective systems

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- Society of Automotive Engineers (SAE), Member
- Canadian Association of Technical Accident Investigators and Reconstructionists (CATAIR), Member

AWARDS AND ACHIEVEMENTS

- Dean's List (2022 – 2024)
- Academic-Athletic Merit Scholarship (2021)
    - University of Ottawa Men's Ultimate Frisbee Team (2018 – 2020)