



Ankit Kumar, B.A.Sc., P.Eng. *(he/him)*

(416) 368-1700 | akumar@30fe.com

902 – 40 University Avenue, Toronto ON M5J 1T1



EXPERT SUMMARY

Mr. Ankit Kumar 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. Ankit conducts vehicle and site examinations for collisions involving different types of vehicles, including automobiles, trucks, bicycles, motorcycles, and other types of heavy machinery.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Collision Site Assessments
- Vehicle Mechanical Examinations
- Restraint System Usage and Effectiveness Assessments
- Event Data Recorder (Black Box) Data Retrieval and Analysis

ACADEMIC BACKGROUND

Bachelor of Applied Science with Honors in Mechanical Engineering with an Option in Management Science, University of Waterloo, 2014

ADDITIONAL COURSES

- Photogrammetry 4 Forensic Certification, ai2-3D, 2020
- Crash Data Retrieval (CDR) Operator and Analysis Course, CATAIR, Toronto, 2019
- Advanced Traffic Crash Investigation Course, IPTM, 2019
- Motorcycle Collision Reconstruction Course, Lightpoint Scientific LLC, 2019
- Crash Investigation I Course, Northwestern University, 2019
- Faro Focus 3D Scanner Certification, Toronto, 2018



PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Associate, Collision Reconstruction
2021 – Present, Toronto, Ontario

- Conduct technical investigations of motor vehicle and recreational vehicle collisions
- Investigate defects in vehicle components and mechanical equipment
- Investigate failures involving engineering factors and human factors in vehicle collisions

Pario Engineering and Environmental Sciences

Forensic Engineer, Motor Vehicle Reconstruction
2018 – 2021, Vaughan, Ontario

- Conducted technical investigations of motor vehicle and recreational vehicle collisions
- Investigated defects in vehicle components and mechanical equipment
- Investigated failures involving engineering factors and human factors in vehicle collisions

Husky Injection Molding Systems Ltd.

Project Manager
2017 – 2018, Bolton, Ontario

- Managed deliverables and expectations by coordinating between customers, sales, engineering, manufacturing, and operations for all assigned accounts for the Asia and Luxembourg teams

Mitchell Plastics

Program Manager
2017, Kitchener, Ontario

- Managed the program's critical path for molded and painted automotive interior assemblies from concept design to SOP for various OEMs (GM, Audi, and Ford)

Project Engineer
2014 – 2017, Kitchener, Ontario

- Responsible for prototype/production customer builds, validation testing for PPAP, and assisted the Program Manager with reviewing tooling design and mold flow analysis to ensure tool and part design met customer requirements

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- Professional Engineers of Ontario (PEO), Member
- Society of Automotive Engineers (SAE), Member