



## CURRICULUM VITÆ

### ADNAN POSHTKOUHIAN

**“Adnan is a highly skilled accident reconstruction expert and mechanical engineer with experience in 3D collision reconstruction and simulation, low-speed collision assessments, motorcycle collisions, pedestrian accidents, event data recorder (EDR) analysis, forensic video analysis, and 3D mapping of collision scenes.”**

M.Eng. Mechanical Engineering

M.Sc. Mechanical Engineering

B.Sc. Mechanical Engineering

## 1. BIOGRAPHY

Adnan Poshtkouhian is a highly skilled accident reconstruction expert and mechanical engineer with experience in 3D collision reconstruction and simulation, low-speed collision assessments, motorcycle collisions, pedestrian accidents, event data recorder (EDR) analysis, forensic video analysis, and 3D mapping of collision scenes.

Adnan's expertise in impulse-restitution impact modeling, Kudlich-Slibar impact modeling, trajectory modeling, and electronic stability program (ESP) modeling sets him apart in the field of accident reconstruction. He is frequently called upon to rebut opposing experts' 3D simulations and reconstructions and analyze their assumptions and conclusions, which has unlocked great value for his clients.

Adnan is a certified forensic video analyst with experience in video enhancement and speed analysis. He is also a certified crash data retrieval (CDR) system operator and has specialized training in using event data recorders in traffic crash reconstruction.

Adnan's experience and proficiency as a mechanical engineer are also highly regarded. He has a strong background in Computational Fluid Dynamics (CFD), Finite Element Analysis (FEM), and Computer-Aided Design (CAD). He holds M.Eng., M.Sc., and B.Sc. degrees in mechanical engineering and has conducted research in the fields of thermoacoustics and cryogenics. The results of his research have been published in peer-reviewed journals, highlighting his dedication to excellence.

Adnan's educational background and experience in research ensure that he delivers high-quality reports for his clients. He is committed to providing accurate and reliable analysis to help his clients understand the events leading up to an accident and determine liability.

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