



The GrayMatter Group
GrayMatter-Group.com
Phone: (513) 259-0296
Nationwide Service Area

Curriculum Vitae

for:

Robert Campbell

Accident Reconstructionist
The GrayMatter Group
GrayMatter Accident Reconstruction
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Statement of Qualifications

My name is Robert Campbell. I am an Accident Reconstructionist with GrayMatter LLC, a firm specializing in traffic collision reconstruction and complex investigations. I have been actively investigating and reconstructing motor vehicle collisions since 2021. I have maintained continuous education and involvement in the field since that time.

After graduating with Bachelor Degrees in both Mechanical Engineering, and Bioengineering from the University of Michigan Dearborn in the winter of 2019 I was looking to join the OEM field in some capacity and had interviews lined up for the following year. COVID-19 changed everything, no one was hiring for entry-level engineering roles thus that sent me down a path of working at a factory as a Senior Technician until a role opened up. My real professional background began as a Research Assistant at the University of Michigan Transportation Research Institute in 2021. While working on and helping to create protocols for a study focused on monitoring drivers who were utilizing automated driving and being tasked with completing objectives on a tablet; I saw how easily people can lose focus and cause dangerous situations while driving which sparked my interest to pursue a career in crash safety. Then in 2022 I found a new career path as a Junior Crash Investigator at the International Center for Automotive Medicine (ICAM).

ICAM is a research group based out of Michigan Medicine, their focus is to foster synergistic research between medical specialties and biomedical and automotive engineering efforts to help prevent injuries and improve care. Using crash investigation and reconstruction of crashes with vehicles and/or vulnerable road users is my area of expertise, with a focus on kinematics, vehicle speed, modeling and injury mechanism coding. Along with my base mathematical and physics background from my bachelor's degrees I was trained by an expert in crash reconstruction who has been involved in many research projects/papers as well as the CIREN program and is a NASS trained Crash Reconstructionist. Additionally, while studying under a Senior Crash Investigator, I continued my education with Wayne State University. Firstly, I achieved a Graduate Certification in Injury Biomechanics. Then I went on to get a Master's Degree in Biomedical Engineering with a focus on impact biomechanics. To continue my education I attended a course with Institute of Police Management for Pedestrian/Bicycle Crash Investigation and received a certification there as well. In 2025 I was promoted to Crash Investigator and am currently training a Junior Crash Investigator as our Senior Crash Investigator plans to retire as I step into their role.

Professional Experience

2025 – Present	<u>Crash Investigator/Accident Reconstructionist</u>	
	International Center for Automotive Medicine	
	United States	
2022 – 2025	<u>Junior Crash Investigator/Accident Reconstructionist</u>	
	International Center for Automotive Medicine	
	United States	
2021 – 2021	<u>Research Assistant</u>	
	University of Michigan Transportation Research Institute	
	United States	

Collegiate Education

<u>Master of Science</u>	<u>2025</u>	<u>Wayne State University</u> Major: Biomedical Engineering
<u>Bridge Graduate Certificate</u>	<u>2025</u>	<u>Wayne State University</u> Injury Biomechanics
<u>Bachelor of Science</u>	<u>2019</u>	<u>University of Michigan Dearborn</u> Major: Mechanical Engineering

Professional Education

Pedestrian/Bicycle Crash Investigation Certification	<u>2026</u>	Institute of Police Management
Mathematical Modeling	<u>2025</u>	Wayne State University
Accident Reconstruction	<u>2024</u>	Wayne State University
Vehicle Safety Engineering	<u>2024</u>	Wayne State University
Experimental Methods in Physiology	<u>2024</u>	Wayne State University
Impact Biomechanics	<u>2023</u>	Wayne State University