

Ms. Gadir Hazime is a degreed Mechanical Engineer and Bioengineer. Ms. Hazime is a Senior Staff Consultant for Engineering Systems Inc. (ESI) and works closely with the human factors, biomechanics, consumer product, automotive, and safety industries. She has experience in visibility, conspicuity, injury analyses, human motion analyses, product testing, failure analysis, and accident reconstruction. Her professional experience also includes scene, vehicle, equipment, and building inspections, data acquisition, and testing.

Positions Held

Engineering Systems Inc., Ann Arbor, Michigan

- Senior Staff Consultant, 2025 – Present
- Staff Consultant, 2022 – 2024
- Engineering Intern, 2021 – 2022

Michigan Sports Medicine, Dearborn Heights, Michigan

- Research and Medical Associate, 2018 – 2021

Publications

Elevator Passenger Accelerations During Emergency Stops, Normal Elevator Travel, and Everyday Activities

A.C. Mathias, G.A. Hazime, H. Chan, J.M. Roberts, M.E. Kelley. Biomedical Sciences Instrumentation, 62nd Annual Rocky Mountain Bioengineering Symposium, St. George, UT, Biomedical Sciences Instrumentation Journal, Volume 61(1). April 2025

Presentations

Elevator Passenger Accelerations During Emergency Stops, Normal Elevator Travel, and Everyday Activities

G. Hazime, presented at the 62nd Annual Rocky Mountain Bioengineering Symposium, St. George, UT. April 10-12, 2025.

Continuing Education

- **Traffic Crash Reconstruction for Engineers** - Northwestern University Center for Public Safety, 2024
- **Bosch CDR Tool Technician** - Certification of Training, IPTM, University of North Florida, 2023
- **FARO Focus 3D Operator** - Certificate of Training, Aurora, Illinois, 2022
- **Mycometer Surface Fungi Sampling & Analysis** - Proficiency Certification Award, 2022

Gadir Hazime
Senior Staff Consultant

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Education

MSE, Industrial & Systems Engineering in Human Factors. University of Michigan. 2025, expected

BSE, Mechanical Engineering. University of Michigan. 2022

BSE, Bioengineering. University of Michigan. 2022

Areas of Specialization

Human Factors

Visibility and Conspicuity

Accident Investigation and Reconstruction

Industrial and Occupational Injury Investigation

Consumer Products

Safety

Biomechanical Analysis

Data Acquisition



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Professional Affiliations/Honors

Society of Automotive Engineers (SAE)

- Member, 2024

Pi Tau Sigma- Engineering Honor Society

- Member, 2019