

Curriculum Vitae

Eduardo Baggio Campos, B.Eng., M.B.A.

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PRACTICE AREAS

Collision Reconstruction

- Computer Simulation & Animation
- Crash Data Recorder Download & Analysis
- Truck Collisions
- Pedestrian Collisions
- Motorcycle Collisions
- E-bike & Bicycle Collisions
- Scooter & Skateboard Collisions
- ATV, Snowmobile, & Recreational Vehicle Collisions
- Marine Collisions
- Multi-Vehicle Freeway Collisions
- Low Speed Fraud Investigation
- Forensic Video Analysis

Product & Material Failure Investigations

- Vehicle Component Failure
- Product Failure Analysis
 - FMEA Analysis
 - Root Cause Analysis
- Product Testing
- Factor of Safety Analysis
- Material Analysis
- Plumbing & Household Appliance Component Failure

Occupational Health & Safety Investigations

- Workplace Safety & Training
- Occupational Hazards & Incidents

ACADEMIC BACKGROUND

Bachelor of Engineering, Mechanical Engineering with Manufacturing minor, Federal University of Technology of Paraná, Curitiba, Brazil, 2017

- Undergraduate courses in computer simulation, dynamics, physics, fluid mechanics, solid mechanics, thermodynamics, heat transfer, electricity & circuits, machine design, materials, failure analysis, and manufacturing
- Undergraduate courses taken at **University of Toronto** through Canada-Brazil Exchange Program:
 - Forensic engineering, biomechanics, smart materials, economics, management & organizational behaviour

Master of Business Administration, FAE Centro Universitário, Curitiba, Brazil, 2019

Master of Business Administration, Baldwin Wallace University, Cleveland, Ohio, 2023

EMPLOYMENT HISTORY



Advantage Forensics Inc., Toronto, Ontario

Forensic Engineering Associate, January 2023 to Present

Forensic Engineering Intern, May to August 2014

- Collision reconstruction investigation
- Product & material failure investigation
- Workplace incident investigation



Volvo Penta, Gothenburg, Sweden

Purchasing Project Manager & Project buyer, April to December 2022

- Project Manager for purchasing for industrial & marine vehicle sector



SBcrédito, Curitiba, Brazil

Product Manager: Agile Product Owner & Scrum Master, March to October 2020

- Coordinated development projects for internal systems and third-party systems
- Introduced new features to increase productivity and efficiency of each department
- Coordinated project teams for fintech startup product and business intelligence project using JIRA & Agile software



Volvo Buses, Curitiba, Brazil

Field Quality Leader, October 2018 to December 2019

Field Quality Intern, May 2015 to December 2016

- Team leader for quality control project in Colombia for 700 bi-articulated buses
- Directly responsible for project performance and quality control/warranty costs
- Investigated vehicle component product failures
- Liaison for customers and service representatives on quality control



Electrolux, Curitiba, Brazil

Project Management Office Consultant, February 2017 to October 2018

- Project auditor for restructuring of the factory and entire product portfolio for Latin America
- Ensured implementation of best practices and communication of project scheduling
- Updated project management methodologies and tools
- Managed import projects for white goods in the Latin American market

PROFESSIONAL SOCIETIES & ASSOCIATIONS

- Canadian Association of Technical Accident Investigators & Reconstructionists, since 2023
- Regional Council of Engineering of Paraná, licensed Professional Engineer in Brazil, since 2018

ADDITIONAL COURSES & TRAINING

- Collision Reconstruction
 - Electric Motorcycle Performance, Advantage Forensics, October 2023
 - Kinematic performance of micro-mobility vehicles during braking, August 2023
 - Bosch CDR900 – EDR/Blackbox download tool training, Advantage Forensics, July 2023
 - Directionality of Rollover Damage and Abrasions, Advantage Forensics, June 2023
 - Occupant Kinematics in Simulated Autonomous Driving Vehicle Collisions, Advantage Forensics, May 2023
 - PRT with different levels of BAC, Advantage Forensics, April 2023
 - Comparing the accuracy of image-based scanning techniques to laser scanners, Advantage Forensics, April 2023
 - “WREX 2023 Collision Reconstruction Conference”, WREX conference, Orlando, Florida, April 2023
 - Advanced Collision Reconstruction with CDR Applications’, Accident Analysis and Reconstruction, East Gwilumbury, March 2023
- Leadership Development for Engineers course, University of Delft, edX Platform, 2017
- Python for Research course, HarvardX, edX Platform, 2020

LICENCES & CERTIFICATIONS

- Rio Racing Road Advanced Motorcycle Training, March 2016
- Brazil ‘A Class’ Motorcycle Licence (Equivalent to Canadian ‘M Class’), April 2011
- Brazil ‘B Class’ Car License (Equivalent to Canadian ‘G’ Class), April 2011

AWARDS

- Federal Science without Borders Scholarship Award, University of Toronto, 2014



- Awarded by Government of Canada for Canada-Brazil exchange program based on academic merit