

CURRICULUM VITAE

LEAM GERBER



POSITION : Transportation Engineer

NAME OF FIRM : UrbanEQ Consulting Engineers (Pty) Ltd

SPECIALISATION : Transportation Engineering

DATE OF BIRTH : 17 May 2001

NATIONALITY : South African

YEARS EXPERIENCE : 0.5 years

SUMMARY:

Leam Gerber is a transportation engineer currently pursuing a master's degree in Transportation Engineering at Stellenbosch University. Over the past four years, he has gained valuable practical experience through various vacation work placements, including with BVI Consulting Engineers and Hatch. At BVI, he supported the Roads and Transportation department by conducting tender evaluations and compiling Bills of Quantities from technical culvert drawings. At Hatch's Johannesburg office, he worked within a multidisciplinary team of engineers, contributing to structural engineering solutions.

Leam's academic background includes advanced coursework in traffic flow theory and public transport systems. He was selected to participate in the VIU Transport Logistics Programme in Stellenbosch in 2025 as well as the WISDOMS Winter School in Rome, 2026. His master's thesis explores the accuracy of floating car data (FCD) by comparing it with ground truth origin-destination data, aiming to better understand travel behaviour and trip patterns in the South African socio-economic context.

EDUCATION:

Qualification:	Institution:	Year Obtained:
BEng (Civil)	University of Stellenbosch	2024
MEng (Transportation)	University of Stellenbosch	Current

Master's thesis title: The Accuracy of commercial FCD Origin-destination Data

Postgraduate courses: Traffic Flow Theory, Public Transport

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EMPLOYMENT RECORD:

From: July 2025 to Present
Employer: Urban EQ Consulting Engineers (Pty) Ltd
Position held: Transportation Engineer

From: Dec 2023 to Jan 2024
Employer: Hatch Africa (Pty) Ltd
Position held: Civil Engineering Student Intern

From: Dec 2022 to Jan 2023
Employer: BVi Consulting Engineers (Pty) Ltd
Position held: Civil Engineering Student Intern

SELECTED PROJECT EXPERIENCE (Transportation Engineering)

PROJECT NAME: Corridor Success Viability
PERIOD: From: August 2025 to December 2025
CLIENT: City of Cape Town: System Planning
SUMMARY: Provided professional services to the City of Cape Town System Planning Department. Responsibilities included GIS modelling of MyCiTi bus corridors, analysis of socio-economic and demographic characteristics along these corridors, and development of a methodology to assess corridor viability and establish MyCiTi performance benchmarks.

PROJECT NAME: Integrated Public Transport Network (IPTN) Monitoring Framework
PERIOD: From: February 2026 to Present
CLIENT: National Department of Transport (subcontracted to Pegasys Consulting)
SUMMARY: Provided technical support to the National Department of Transport by analysing, interpreting, and presenting IPTN operational data and trends to support preparation of the Operational Statistics Report.
