

## CURRICULUM VITAE

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Company Name	ARCUS GIBB
Nationality	<b>Nuran NORDIEN</b>
Date of Birth	South African
Profession	24.05.1981
Position	Civil Engineer
Specialisation	Senior Transportation Engineer
Start date with ARCUS GIBB	Transport engineering
	2003 – Permanent full-time staff member

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### Key experience

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A transportation engineer with seven years of experience, Nuran Nordien is involved in the specialist field of traffic and transportation engineering.

Her key experience includes:

- **Transport planning**
  - **Public transport system analysis and design**
  - **Planning and design of event transport systems**
  - **Transport impact assessments and conceptual design**
  - **Road upgrade conceptual transport planning studies**
  - **Traffic analysis SIDRA, HCS**
  - **Project management**
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### Qualifications

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Bachelor of Science (Civil Engineering) : University of Cape Town, 2002  
Associate Member of the South African Institution of Civil Engineers (SAICE), 2005  
Registered as a Candidate with the Engineering Council of South Africa (ECSA)  
Candidate Construction Project Manager (SACPCMP)  
Registered for Masters of Engineering (Transportation), Public Transport Planning and Project Assessment Courses

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## N NORDIEN C V SHEET 2

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### Career summary

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May 2007 to  
date

**ARCUS GIBB** – Senior Transportation Engineer

Projects include:

- 2010 FIFA World Cup : Host City Transport Operations Plan for Cape Town
  - Spectator transport plan and rail operations work stream leader
- Eskom Nuclear 1 EIA : Transport Specialist Study
  - Task leader
- Eskom PBMR EIA : Transport Specialist Study
  - Task leader
- V&A Waterfront Transportation Masterplan
  - Project leader
- Conceptual Transport Planning Study of R335 Road Upgrade from Motherwell to Addo
  - Project leader
- Conceptual Transport Planning Study of R334 Road Upgrade from Uitenhage to Witteklip
  - Project leader
- Conceptual Transport Planning Study of R331 Road Upgrade from Hankie to Patensie
  - Project leader
- Livingstone Hospital TIA
  - o Project leader
- Cape Quarter Development TIA
  - Project leader
- Wellington and Paarl Transport Study
  - Project leader

October 2006  
to May 2007

**ARCUS GIBB** – Project Leader

Projects included:

- 2010 FIFA World Cup: High Level Transport Operations Plan for Cape Town
- Alexandria Golf Estate Development TIA in the Eastern Cape
- Trafalgar Residential Development TIA in the District Six area, Cape Town
- Edge Road Residential Development TIA in the Eastern Cape
- Canonbury Cove Development TIA in the Eastern Cape

## **N NORDIEN C V SHEET 3**

July 2005 to  
Sep 2006

**ARCUS GIBB** – Project Engineer

Projects included:

- Development Framework for the 2010 Regional Transport Plan (Cape Town) : information gathering, meeting attendance, presentations, Report compilation and writing
- Taxi Recapitalisation : information gathering
- New Taxi Vehicle Branding : managing the design and manufacturing process of front vehicle sample markers for recapitalisation vehicles.
- Gautrain Maintenance Depot TIA
- District Six Development Framework : transportation input and TIA, info gathering, meeting attendance, project team input, report compilation and writing
- Working for Tourism : transportation input into developing and designing Tourism info centers around the country
- Several TIS's and TIA's
- Meandering Creek TIS (Eastern Cape)
- Lavender Valley TIA (Eastern Cape)
- Emerald Heights TIA (Eastern Cape)
- Rouwkoop TIA
- Cape Quarter Development TIA
- Silverbird Square Shopping Centre TIA
- Bayside Shopping Centre TIA
- Impala Platinum TIA
- Del La Ray TIA
- Brackenfell TIS
- Muslim Judicial Council Headquarters TIA
- Vanguard Slip Lane Motivation
- Berg River TIS
- Brooklyn TIS

Responsibilities include:

- Information gathering
- Coordinating traffic count sub consultant
- Setting up traffic model

## **N NORDIEN C V SHEET 4**

- Traffic analysis
- Meeting attendance
- Final report compilation and writing

April 2003 to  
June 2005

### **ARCUS GIBB – Graduate Civil Engineer**

Projects included:

- Butterworth Water Services Feasibility Study for Amathole District Municipality: project leader for study. Responsible for managing specialists (Geohydrologist), data collection, budget and financial management and report compilation. Also responsible for optimising water services supply option for the study area and design (feasibility stage) of proposed water schemes, 2005
- Ross Mission (Umtata) detailed pipeline design for OR Tambo District Municipality : responsible for design of 110 mmØ bulk gravity pipeline for water supply to Ross Mission Village, 2005
- Resource Poor Farmers Feasibility Study for Eastern Cape Department of Agriculture (DoA) and DWAf. Project leader for study. Responsible for co-ordination of sub-consultants and specialists, data collection, report compilation, budget and financial management. Involved in strategic planning process and scheme optimisation (financial and economic net present value assessment) in conjunction with specialists. Liasing and communicating with municipalities, local DoA and rural farming communities was also an essential part of the study, 2004
- Water Service Development Plan (WSDP) for the Chris Hani District Municipality (CHDM) in the Eastern Cape. Project leader for the enrichment phase of the CHDM WSDP. Responsible for data collection, analysis and liasing and consulting with the local and district government, 2003 - 2004
- Water and Sanitation Section 78 assessments for the Chris Hani District Municipality. Mainly involved in data collection, analysis, 2003 - 2004
- Proposal compilation for several projects in the Eastern Cape
- Project management of the Wemmershoek treatment works in the Western Cape. Site to office liasing and problem solving were the main tasks
- Hydrology and flood analysis for Boschenmeer Golf Estate, Berg River, Melksloot River, Geelsloot River, La Paris Floodline. Experience in using Hec Ras and initial experience with SWMM, 2003
- Stormwater design (Wemmershoek and private housing projects) - pipe and channel network design, 2003

Nov 2001 to  
Dec 2002

### **Quantech Architectural & Project Developers – Junior Technician**

- Gaining experience on AutoCAD 2000

Dec 2000 to  
Feb 2001

### **Asch Engineers – Junior Resident Engineer**

- V&A Waterfront Marina site: assisting and observing the resident engineer

## N NORDIEN C V SHEET 5

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### Language capability

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	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Good

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**Signature**

**Date**

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