

Curriculum Vitae of
Mr. Clinton Shaun Papenfus

Date Prepared: 2010/03/18
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Personal Information	
Surname	Papenfus
First Names	Clinton Shaun
Known As	Clinton
Race	White
Gender	Male
Licence	EB – Light Motor Vehicle
Residential Address	Unit 46, Somerset Security Viilage, 681 Farm Road
Suburb	Equestria
City	Pretoria
Country	South Africa

Skills
Advanced Driving 4 X 4
ArcInfo (Desktop) – Strength: Strong
Supervisory Skills – Strength: Strong
ArcGIS Suite – Strength: Strong
Business Systems Analysis and Design
Managing Projects – Strength: Strong
ITIL – Strength: Medium
Internet ASP(Active Server Pages) – Strength: Medium
VBScript (Visual Basic Script) – Strength: Medium
JScript (Java Script)– Strength: Medium
VB (Visual Basics) – Strength: Medium
HTML– Strength: Medium
Access – Strength: Strong
PostgreSQL – Strength: Strong
PostGIS – Strength: Medium
Spatial Data Modelling – Strength: Strong
Spatial Analysis – Strength: Strong

Quantum GIS (QGIS) – Strength: Strong
Geoserver – Strength: Strong
Openlayers – Strength: Medium
Udig – Strength: Strong
AccuGlobe – Strength: Medium
GvSIG – Strength: Strong
Jump – Strength: Medium

Employment History	
Current Employer	Sebata Municipal Solutions
Job Title	GIS Manager
Level	Management
Date of Appointment	04 January 2010 to present
Job Description	Management of the GIS Department
Previous Employer	State Information Technology Agency
Previous Job Title	Systems Analyst: GIS
Level	Senior Technician
Date of Appointment	01 October 2007 to 31 December 2009
Job Description	I am responsible for the analysis and implementation of GIS services to the South African government.
Responsibilities	
Department of Education: National reporting tool using Business Objects and MapInfo Location Intelligence Component	Design and implementation of GIS system within a Business Intelligence environment. This requires spatial modelling, data acquisition, project management and systems analysis. Business analysis of the project, which included technical, system and functional specifications of the project.
Department of Land Affairs: National project regarding maintenance and development of systems for land parcels within South Africa	Management of team of developers (5 team members) in the maintenance and development of the departments systems. This requires using project management, business and system analysis principles.
Social Security Agency of South Africa: Responsible for the payout and maintenance of social grants.	Scoping, Design and Implementation of an Open Source GIS application for the Department. This required spatial modelling, database design, web design and project management using open source products such as postgresql, mysql and apache.
Previous Employer	Telkom SA Pty Ltd
Job Title	Specialist:GIS
Level	Operational
Date of Appointment	1998/04/01 to 2007/09/28

Job Description	Responsible for the acquisition and dissemination of spatial data within the forecasting section. Responsible for map production and spatial data usability.
Responsibilities	
Network Infrastructure: Section responsible for the costing and planning of the telecommunication network 2003/07/01 to 2007/09/28	I was responsible for the capturing and data integrity of all street datasets in the province of KwaZulu Natal. This required data capturing, dataset creation, reprojection of spatial data. I had three staff members which I had to allocate work and do quality checks. I was also responsible for the development of internal GIS web applications and the training of junior staff members in GIS and GIS web applications.
Demand Forecasting: Forecasting the demand of telecommunication services. 1998/04/01 to 2003/07/01	I was responsible for the development of internal websites and web based GIS applications. I was also responsible for the plotting and analysis of spatial data used in the forecasting of telecommunication services. This required the creation of datasets and quality assessment of spatial data captured by fieldworkers.
1993-1998	Variuos junior positions with Telkom ranging from forecasting to credit management.
1991-1993	Compulsory military service

Consultancy Employment	
All consultant work was done in my own time. This did not affect any commitments to my employer. A disclosure of all consultant work was made to my current employer.	
Eyethu Infotech: GIS and software development company June 2002	One month contract for the Department of Health for the province of the Eastern Cape. This was done while I was on leave from my permanent employer.
Responsibilities	Analysis of the Census 2001 data
	Creating of GIS reports
	Reprojection of spatial data
	Creation of web based spatial reports
	Spatial Data Capturing
MHP Geospace: GIS and software development company December 2005	One month contract for the Department of Water Affairs to capture all cadastre for the province of Mpumalanga. This required me to manage a team of 6 GIS operators and land surveyors.
	Project Management
	Cadastre capturing using in-house application
	Reprojection of spatial data
	Spatial dataset creation
	Quality Assesments
Eyethu Engineers: Civil Engineering Firm	Ongoing contract with Eyethu Engineers to provide end to end support with regards to all IT support.

2002-2007

Courses – Internal and External	
Course	Date
Advanced Driving 4X4	January 1997
Arcview GIS	May 1998
Certificate in GIS – University of Pretoria	November 1999
GIS an overview	
Geographic database theory	
Spatial data modelling	
Basic spatial operations	
Basic spatial analysis	
Geography 101 – University of South Africa	October 2000
Introduction to ArcInfo	June 2001
Introduction to ArcGIS I	2002 – records lost by company
Introduction to ArcGIS II	2002 – records lost by company
Managing Projects	November 2007
Business Systems Analysis and Design	December 2007
ITIL V3	March 2008

Highest Education	
School	New Forest High School – Durban (South Africa)
Highest Grade	12
Year of Completion	1990
Subjects	Grade
English	HG
Afrikaans	HG
Maths	SG
Science	SG
History	SG
Geography	SG

Languages			
	Read	Write	Speak
English	X	X	X
Afrikaans	X	X	X

Special Interests

GIS in Schools - Introducing GIS to disadvantaged children in South Africa
Learning programming languages (C++, Python)

Associations

I am currently registered as a GIS Technician with the South African Council for Professional and Technical Surveyors. Registration number: GT 0814

References

1. Name of Referee: Phindile Hlaisi
Position: Solutions Architect –SITA
Phone Number: 0834605606
email: Phindile.hlaisi@sita.co.za

2. Name of Referee: Neil Hartley
Position: Managing Director – Webhouse (Previous Eyethu Infotech)
Phone Number: 0828298277
email: neilh@webhouse.co.za