



Nadine

Data Scientist



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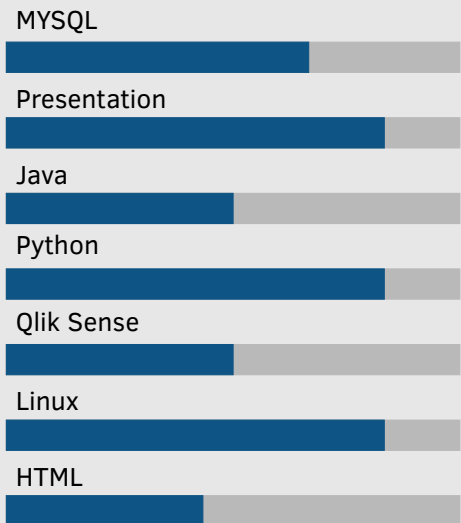


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About me

As a young motivated individual I am excited by the prospect of being able to bring together my technical study's skills with industry. My strong analytical background makes me an ideal fit in my field. Problem solving is what I do, what I have been doing and is where I have the most fun.

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Additional skills

Data Cleaning (Advanced), Data visualization (Advanced), Sage (Beginner), Singular (Beginner), R (Beginner-intermediate), Latex(Advanced), Excel (Pre-advanced), Word (Intermediate), Powerpoint (Intermediate) and Communication (Advanced)

Education

2018	Msc Mathematical Sciences	University of the Western Cape
	<i>Credit scores using machine learning techniques</i>	
2017	B.sc. Hons Astrophysics and space science	University of Cape Town
	<i>A possible X-ray transient in galaxy NGC4472</i>	
2014-2016	B.Sc.Physics	University of the Western Cape

Workshops and Seminars attended

Sep 2018	Deep learning indaba, hosted at Stellenbosch university
June 2018	AIMS South Africa, in partnership with UK-based DISCNet hosted data science school
Apr 2018	Data Science Workshop, hosted by AIMS
Apr 2018	IndabaX machine learning and data science workshop

Scholarships and Certificates

2020	Microsoft Certified: Azure Data Scientist Associate
2018	Business administration certificate from ESMT business school
2018	ESMT Berlin IIP (Industry Immersion Program) full-scholarship
2018	AIMS, African Institute for Mathematical Sciences full-scholarship
2017	National Astrophysics and space science program full-scholarship

Work Experience

Aug '19 - Current	Data Scientist and Software Engineer	Dotmodus
	Using client data to digitise forms using ML NLP models for text extraction and processing. Build data pipelines for various industries. Create YouTube AD insights through analysis of google and Youtube AD data	
Apr - June '19	BI Developer	Covarius
	Create client insights using Qlik sense data architecture and visualization design, data integration/ETL processes and relational database modelling.	
Dec'18-Jan'19	Data Scientist	CSIR, DSIDE
	Project with the intent to optimize current chicken farming processes. A thorough data analysis was completed along with the development of a web application which replicates a broiler house cycle. Skills used: MYSQL, Java, Python, CSS, HTML and PHP	
Jul-Oct '18	Learnership (masters thesis project)	Zoona
	Credit scoring using machine learning. Random forest algorithm was used in light of the use of fintech data. Skills used: Data munging, Filling missing entries, feature selection, Python, MySQL	

References

Covarius Manager:	Johan Joubert johan.joubert@covarius.com
Masters supervisor:	Yabebal Fantaye yabi@aims.ac.za
Masters Co-supervisor:	Thuso Simon dr.danger.simon@gmail.com