

# Jake Timothy Bouma

Senior Data Scientist



## Education



BSc & BSc Hons Nuclear Physics *Cum Laude*  
Stellenbosch University,  
South Africa



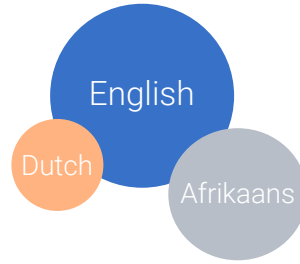
Meiring Naude Medal  
for best student in physics



Erasmus Mundus  
full MSc scholarship



MSc Nuclear Physics *Magna Cum Laude*  
Katholieke Universiteit Leuven,  
Belgium



## Dual Nationality

South Africa  
Netherlands



## Interests



## Certifications

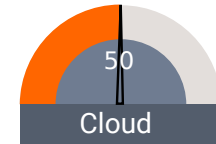
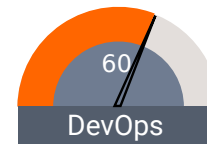
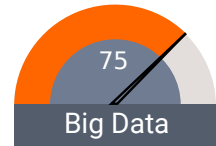
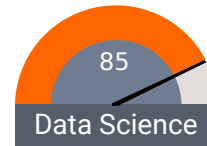


X 6 certifications  
Data Science and  
Agile SPM



X 3 certifications  
Certified HANA, SNP  
and EIM consultant

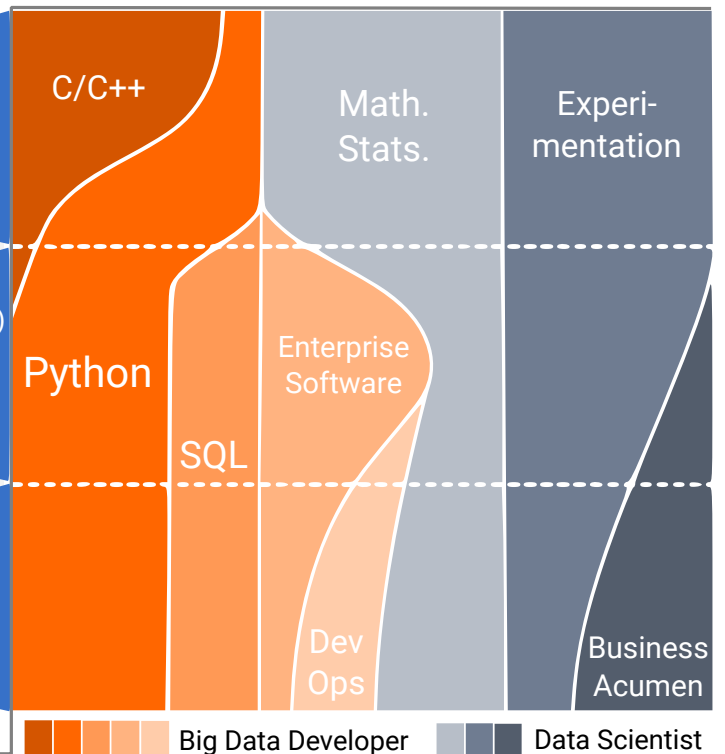
## Core Skills



## Skills Development

## Work Experience

Optical Trapping @ Stellenbosch University Superheavy Nuclei @ JINR, Dubna, Russia Gamma Tracking (Computational) @ iThema Labs Neutron Rich Exotic Nuclei @ CERN ISOLDE	(- 2014) Nuclear Physicist
Advanced analytics consultant @ Britehouse SSD Data Migration Consultant @ Transnet Data Scientist @ Britehouse SSD Web Development, DevOps, Cloud in personal projects	(2014 - 2016) Enterprise Data Consultant
Lead data scientist @ Blue Label Telecoms Ltd	(2016-) Full Stack Data Scientist



## Advanced Technical Skills

<b>DevOps</b>	Docker, Rancher, Linux, Conda, Github, Quay.io	<b>Presentation</b>	SAP Lumira, Tableau, Zoomdata, HTML+CSS, Inkscape (eg. this CV)
<b>Compute</b>	Spark, Blaze, SAP HANA	<b>Specialist Python</b>	Pandas, Scikit-learn, PySpark-ML, SQLAlchemy, Flask, Hug, Threading, Bokeh, Pycrypto
<b>Storage</b>	Hadoop HDFS, Hive, SQL DBA		