

Curriculum Vitae of Jake Timothy Bouma

Senior Data Scientist



Education



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



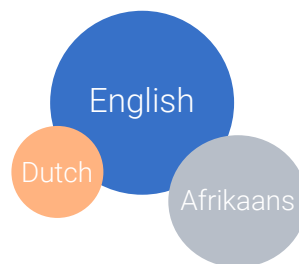
Meiring Naude Medal
for best student in physics



Erasmus Mundus
full MSc scholarship



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



Dual Nationality

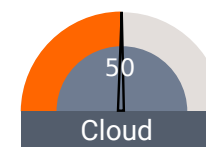
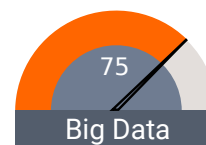
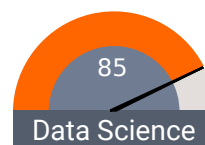
South Africa
Netherlands



Interests



Core Skills



Certifications



X 6 certifications
Data Science and
Agile SPM



X 3 certifications
Certified HANA, SNP
and EIM consultant

Skills Development

Work Experience

Optical Trapping @ Stellenbosch University
Superheavy Nuclei @ JINR, Dubna, Russia
Gamma Tracking (Computational) @ iThema Labs
Neutron Rich Exotic Nuclei @ CERN ISOLDE

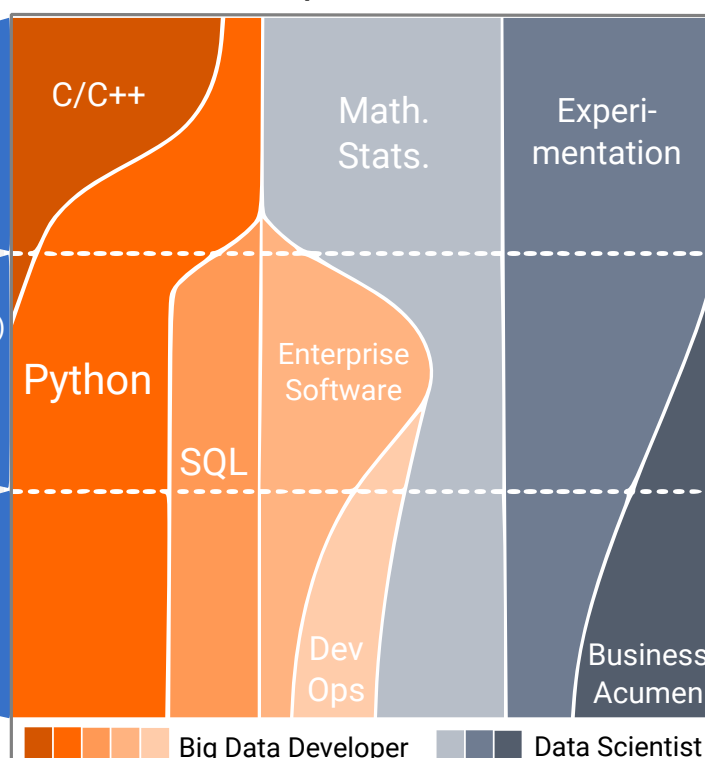
(- 2014)
Nuclear
Physicist

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

DevOps	Docker, Rancher, Linux, Conda, Github, Quay.io
Compute	Pandas, Spark, Blaze
Storage	Hadoop HDFS, Hive, SQL databases

Presentation	SAP Lumira, Tableau, Zoomdata, HTML+CSS, Inkscape
Specialist Python	Pandas, Scikit-learn, SQLAlchemy, Flask, Hug, Threading, Bokeh, Pycrypto



github.com/jaketbouma



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