

JOSHUA SOBOIL

Health Economist

Seeking to further develop career in the HEOR field. Particularly interested in developing comprehensive cost-effectiveness models and other HTA roles.

Undergraduate degree provided a mature and holistic understanding of complex socio-economic systems. An eye for detail coupled with deep intrigue for statistics and economics spurred on the development of skills over and above required for Master's.

Thus, has deep decision modelling skills with high statistical programming proficiency. Experience in varied backgrounds, with a passion for continuous learning, provides a uniquely diverse skill set.



EDUCATION

2019
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2020



University of Cape Town

MPH, Health Economics

📍 Cape Town, ZAR

Thesis title: A Framework for Incorporating a Fully Integrated Bayesian Approach to Cost-Effectiveness Evaluation in Middle Income Country Contexts

- Research centred on the exploration of a fully-Bayesian decision theoretic approach to Health Economic Decision-Modelling as well as the development of a selection framework for choosing appropriate sensitivity analysis methods in Middle-Income Country contexts. See code repo [here](#)

2018



Stellenbosch University

BA(Hons), Sociology

📍 Stellenbosch, ZAR

Thesis title: Astronomy in the Age of Big Data. [Read here](#)

- Research conducted under the guidance of the South African Research Chair in the Sociology of Land, Environment and Sustainable Development

2014
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2017



Stellenbosch University

BA, Social Dynamics

📍 Stellenbosch, ZAR

- Majors in Sociology and Psychology, with a minor in Philosophy and exposure to undergraduate economics



SELECTED EXPERIENCE

Jan 2022
|
present

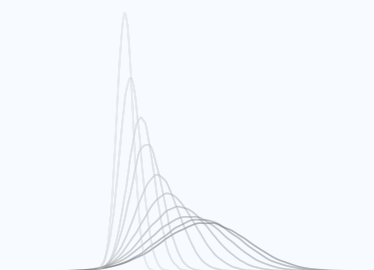


ML/AI Engineer

IQVIA

📍 Cape Town, ZAR

- Conceptualised and developed ML/AI solutions for IQVIA's HTAA team
- Deployed Shiny dashboards used for HTAA data communication



CONTACT

✉ Email

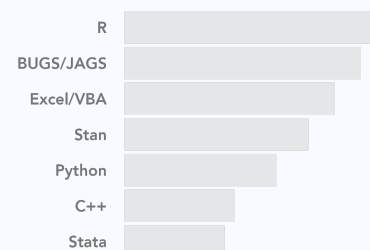
🐙 [Github Profile](#)

in [LinkedIn Profile](#)

📞 +27 76 790 5751

🏠 Cape Town, ZAR

PROGRAMMING SKILLS



REFERENCES

References made available upon request

This CV was created using the R package [pagedown](#)

View project code [here](#)

Last updated on 2022-01-17

Jan 2021 December 2022	Associate Consultant IQVIA • Reported on HTA outcomes and market access insights • Developed broad knowledge of HTA review process across several jurisdictions, including the UK and EU • Supported design and development of new technology solutions for HTA stakeholders	📍 Cape Town, ZAR
July 2021 present	Co-Chair: R-HTA in LMICs R-HTA • Founding member of R-HTA in LMICs, an LMIC-focused chapter of R-HTA • R-HTA is a consortium aimed at popularising R for health economics and health technology assessment (HTA) • Personally developed quarterly workshops, teaching basic to advanced health economic decision modelling topics	📍 r-hta.org, Online
Dec 2020 Dec 2020	Consultant Cipla Foundation • Reported on seasonal health care trends and other data analytic insights associated with Cipla Foundation's Shapleht clinics • Provided recommendations on improving database management as well the data compliance of the Shapleht clinic programme	📍 Cape Town, ZAR
Jan 2019 Dec 2020	Development Director Periods For Hope • A registered NPO (226-728) focused on the reduction of period poverty and stigma • Focused on capacity development and establishment of sustainable funding networks	📍 Cape Town, ZAR
Sep 2018 Mar 2019	Associate Consultant Freedom House • Reviewed South African Community Based Monitoring (CBM) tools; both local and national levels • Qualitative research role	📍 Cape Town, ZAR



SELECTED CERTIFICATES

2020	Essentials of Global Health Short course A course focused on the topics of health systems issues, the linkages between health and development, and health matters related to global interdependence View certificate	📍 coursera.com, Online
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- 2020 ● **Health Systems Strengthening**
 Short course 📍 futurelearn.com, Online
- In partnership with the Nossal Institute for Global Health and UNICEF. The course explored health systems concepts, structure, function and approaches to strengthening health systems
- [View certificate](#)
- 2019 ● **Human Research**
 Short course 📍 citiprogram.org, Online
- A research ethics certificate course provided by the Collaborative Institutional Training Initiative (CITI), under the requirements set by the Comprehensive International Program of Research on AIDS (CIPRA)
- [View certificate](#)



SELECTED AWARDS

- 2019 ● **NRF SARChI Health Economics Bursary**
 HEU 📍 Cape Town, ZAR
- Awarded by the National Research Chair of Health Economics
- 2018 ● **DST/NRF SARChI Sociology Research Bursary**
 Cosmopolitan Karoo 📍 Stellenbosch, ZAR
- Awarded by the National Research Chair of Sociology of Land, Environment and Sustainable Development



SELECTED VOLUNTEERING

- 2020 ● **Peer Mentor**
 MPH Mentor Programme 📍 Cape Town, ZAR
- Received mentor training to help orientate first year UCT MPH students
- 2019 ● **Mentor**
 Inkhamva Youth 📍 Cape Town, ZAR
- Provided career mentorship to underprivileged grade 12 learners enrolled in the Inkhamva Youth programme
- 2018 ● **Volunteer**
 International AIDS Conference 📍 Amsterdam, NL
- Assisted delegates during the International Aids Conference