

# 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  
|  
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  
|  
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

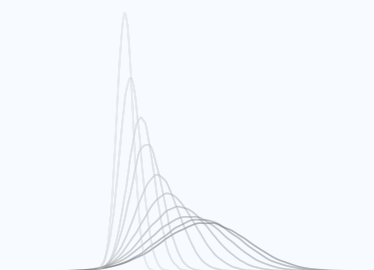


### Data Analyst

IQVIA

📍 Cape Town, ZAR

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



## CONTACT

✉ Email

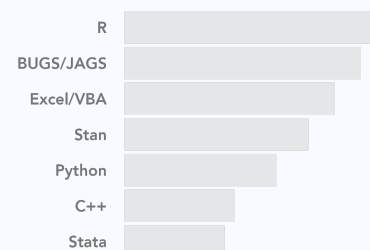
🐙 [Github Profile](#)

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 2022-01-26

Jan 2021   December 2021	<b>Associate Consultant</b> <b>IQVIA</b> Cape Town, ZAR <ul style="list-style-type: none"> <li>• Reported on HTA outcomes and market access insights</li> <li>• Developed broad knowledge of HTA review process across several jurisdictions, including the UK and EU</li> <li>• Supported design and development of new technology solutions for HTA stakeholders</li> </ul>
July 2021   present	<b>Co-Chair: R-HTA in LMICs</b> <b>R-HTA</b> r-hta.org, Online <ul style="list-style-type: none"> <li>• Founding member of R-HTA in LMICs, an LMIC-focused chapter of R-HTA</li> <li>• <a href="#">R-HTA</a> is a consortium aimed at popularising R for health economics and health technology assessment (HTA)</li> <li>• Personally developed quarterly workshops, teaching basic to advanced health economic decision modelling topics</li> </ul>
Dec 2020   Dec 2020	<b>Consultant</b> <b>Cipla Foundation</b> Cape Town, ZAR <ul style="list-style-type: none"> <li>• Reported on seasonal health care trends and other data analytic insights associated with Cipla Foundation's Shapleht clinics</li> <li>• Provided recommendations on improving database management as well the data compliance of the Shapleht clinic programme</li> </ul>
Jan 2019   Dec 2020	<b>Development Director</b> <b>Periods For Hope</b> Cape Town, ZAR <ul style="list-style-type: none"> <li>• A registered NPO (226-728) focused on the reduction of period poverty and stigma</li> <li>• Focused on capacity development and establishment of sustainable funding networks</li> </ul>
Sep 2018   Mar 2019	<b>Associate Consultant</b> <b>Freedom House</b> Cape Town, ZAR <ul style="list-style-type: none"> <li>• Reviewed South African Community Based Monitoring (CBM) tools; both local and national levels</li> <li>• Qualitative research role</li> </ul>



## SELECTED CERTIFICATES

2020	<b>Essentials of Global Health</b> <b>Short course</b> coursera.com, Online <p>A course focused on the topics of health systems issues, the linkages between health and development, and health matters related to global interdependence</p> <p><a href="#">View certificate</a></p>
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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