

ROBYN HUGO

Data Generalist

Finds structure in the messy, meaning in the noise. Builds with intent, analyses with care.

Works fluidly across the data stack - **from infrastructure to insight.**

📍 Cape Town, South Africa @ robyn@househugo.com ☎ +27 82 308 6773
🌐 robyn-hugo 🔄 effofeks



EXPERIENCE

Data Scientist / Data Engineer

AgrigateOne

📅 Jun 2022 - current

- Deployed a Flask-based API for orchestrating data science workflows, incorporating asynchronous scheduling, real-time monitoring, and task dependency management.
- Designed and implemented a modular dbt Core architecture supporting incremental model updates and layered transformations to enable rapid experimentation and scalable deployment.
- Built a CI-integrated Alembic migration system with multi-environment configuration, ensuring automated and consistent schema versioning.
- Developed configurable Angular components leveraging Highcharts and Ag-Grid APIs to deliver bespoke visualisations tailored to client needs. Built a form-driven interface that allowed users to select SQL templates and define visualisation parameters, effectively creating a lightweight internal BI tool and reducing reporting turnaround time.
- Prototyped a maturity estimation method using edge detection on iodine-stained apple images, contributing to early-stage research into optimal harvest timing.

Data Scientist

Fathom Data

📅 Aug 2021 - Feb 2022

- Built and deployed web scrapers to extract and normalise data from public regulatory and company registry sources.

Data Science Associate

Luno

📅 Jan 2018 - Mar 2021

- Created and maintained Looker models to disseminate key product and business metrics across the organisation.
- Supported experiment design and A/B testing frameworks to optimise product adoption, conversion funnels, and retention strategies.

Statistics Head Tutor

University of Cape Town

📅 Jan 2016 - Dec 2017

- Coordinated and trained a cohort of 30 statistics tutors to ensure consistent and high-quality student support.
- Delivered workshops introducing foundational statistical concepts to undergraduate students.

REFERENCES

Charl van der Merwe
AgrigateOne, Head of Data

@ charlvdm@gmail.com

Gorden Jemwa
Luno, Head of Data

@ gjemwa@gmail.com

Leanne Scott
University of Cape Town, Associate Professor

@ leanne.scott@uct.ac.za

TECHNICAL STACK

Languages

Python PostgreSQL R
TypeScript

Tools

dbt Flask Docker
Alembic Celery
GitHub Actions
SQLAlchemy Selenium

Platforms

AWS ECS AWS Lambda

Analytics

Highcharts AgGrid
Looker Metabase
Google Analytics

Web

Angular GraphQL

EDUCATION

MSc Advanced Analytics and Decision Sciences (incomplete)

University of Cape Town 📅 2016-2017

Recipient of class medal for top academic performance in coursework

BSc (Hons) Mathematical Statistics

University of Cape Town 📅 2015

BSc Mathematics and Mathematical Statistics

University of Cape Town 📅 2011 - 2014

INTERESTS



Conference speaker

Presented *Everyone's a Data Scientist* at the 2019 OfferZen Merge Conference, discussing the democratisation of data science in everyday problem-solving.



Nostalgic dreamer

Built a retro-style, multi-threaded chat app in Rust using raw TCP sockets. A love letter to early internet tech.



Aspiring mermaid

Scuba enthusiast regularly seen exploring the kelp forests and shipwrecks of False Bay.



Scream queen

Member of an informal film club specialising in horror, with a fondness for campy creature features.