

# 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.**

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🌐 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 visualization 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 normalize 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 optimize 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

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## 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.