Howard Brian Selfe

I have Top Rated and Top Rated Plus status on Upwork and I rated in the top 10% for Excel, and scored second place overall in the Upwork readiness tests. Furthermore, I have a 100% Job Success Score on Upwork after 55 jobs and 10 years. Some real-world projects I've worked on follow below.

Experience

2012-2022
Numerous Projects • **Data Scientist, BI Analyst & Solution Developer**
Upwork | Global
Top Rated for 5 years, Top rated Plus for 2 years. 100% Job Success Score..

2017-2022
BI Self Serve rollout • **Project Manager & BI Analyst**
Procter & Gamble | Global
This ongoing project involves creating a new service around supporting Power BI, Tableau and Domo. The project is complex in terms of number of stakeholders and independencies with other efforts. Key skills in this initiative are: CPS Development and tracking, Work estimation, Risk management, Communication (written status updates to stakeholders, following up on task status with the team, etc). Additionally, we use Flow, PowerApps, SharePoint, Excel, Jquery, CSS and HTML for intelligence dissemination and to keep the team on track. We use a loose SCRUM-style methodology for project management and team updates.

2018-2021
Power BI Analysis • **Analyst**
CEDR | UK
Data setup, queries, ETL and more, for a leading edge dispute-resolution company in London. Reports, dashboards, time series data, slicers and filters, you name it, this project encompasses it. Power BI through and through.

AUG-DEC 2019
AI Nasdaq Trade Analyzer • **Chief Software Engineer**
DeepTrade | Cape Town
An incredibly interesting job, we have written an integrated predictor system for valuation of real-time streaming data from a live stock-market source. Technologies include: Python Listeners, Python, Keras, TensorFlow, Plotly, Dash.

2018-2021
Medical AI Predictor System • **CTO**
IdeationAI | Cape Town
deation.AI is at its heart a clinician led research organisation. All of us have dedicated our careers to public service and the healthcare industry, where

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Web | Skype | LinkedIn

I have a BSC(Hons) in Applied Maths and Computer Science from the University of the Witwatersrand. Wits is in the top 1% in the world amongst 25 000 universities and a leading university in Africa in all global rankings.

research, academia and publishing are some of the unique privileges of choosing this as our lifework

2014-2020
BI Self Serve rollout • **Project Manager & BI Analyst**
Equifax | Australia
Modular enhancements to a credit check system for one of the biggest credit verification services in Australia. This project required extensive knowledge of macros, finance, mathematics, VBA, Excel, Access, PHP, JSON, MySQL, Ajax, database schemas, reporting, the principles of project management and so on.

2012-2018
Real-Time Fund Valuator • **Project Manager & BI Analyst**
Monocle Fund | Europe
This was a project to produce software which calculates a portfolio of funds with different financial products (funds, stocks, bonds, FX, options). We used Access to store the product parameters and the trades, and all the calculations are made in VBA under Excel and then displayed in Excel. Live interaction with Reuters provides pricing for the model..

2000-2012
Application Development • **COO**
Insite Solutions | Global
Insite Solutions was established to formalise the partnership between M Wolfaardt and myself and to provide a node in a network of colleagues nationwide providing a broad IT service, from business analysis and solution design to web marketing. We produced over 300 high quality online applications.

Skillset

Technical
Python, Machine Learning, Deep Learning, AI, PHP, SQL, DAX, mySQL, Jquery, Javascript, JSON, Ajax, VBA, Excel, HTML and CSS
Databases
MySQL, PostGres, SQLServer, Mongo, Access
Business Intelligence
Power BI, Tableau, Excel, Power Query, Power Pivot, DAX
Data Science
Python, Numpy, Pandas, scikit-learn, Matplotlib, Plotly, Elasticsearch, Keras, tensorFlow
Collaboration & Automation
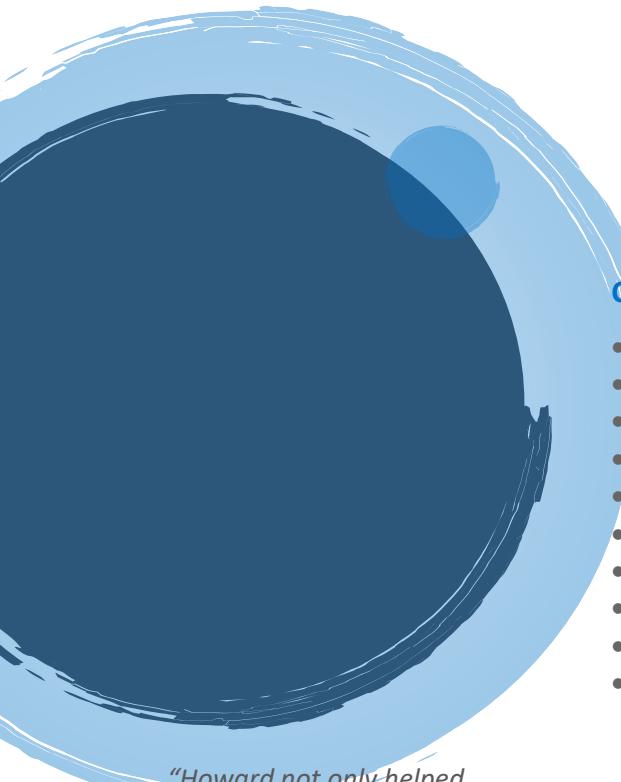Power Query, Power Automate, Power Apps, UIPath & Sharepoint
Project Management
MS Project, Jira, Trello, PlanView, Notion, GloBoards
Other
Knime, Git, GitKraken, Vim, SSH, Putty

Certifications

- **Certified MS Professional: Data Science**
- Analyzing and Visualizing Data with Power BI
- Analytics Storytelling for Impact
- Ethics and Law in Data and Analytics
- Querying Data with Transact-SQL
- Python for Data Science
- Essential Maths for Machine Learning: Python Edition
- Data Science Research Methods: Python Edition
- Principles of Machine Learning: Python Edition
- Implementing Predictive Analytics with Spark in Azure HDInsight

Recent Projects & Knowledge Expansion

- Courses completed in 2019-2021 in **Power BI | DAX | Tableau | Python | Django | Data Science | Machine Learning | Apache Spark | Elasticsearch | Azure Machine Learning**
- Projects completed in 2019 **Power BI | Mongo | DAX | Azure ML | SharePoint | PowerApps | Flow | Python | Django | VBA | ML | Facial, gender and age recognition**

Education

- Bachelor of Science (Applied Maths) (Honours) | Bachelor of Science (Computer Science / Applied Maths)
- Certificates of First Class | Physics, Computer Science, Applied Mathematics
- Certificate of Merit | Applied Mathematics, General Earth Science
- Scholarships | WITS University Senior Bursary
- Other Awards | Chamber of Mines Award for outstanding achievement

References

Please click here. Please let me know if you would like to contact any of the references listed, and I will be most happy to arrange it.

Client Feedback

URL:: View latest jobs and feedback here

"Howard not only helped write the queries, but he helped analyze and breakdown the query qualifications. In many cases, long before I shared the next steps."

"Howard was an absolute pleasure to work with. Projects were done in a timely fashion with excellent communication."

"I am still struggling to find anyone to replace you."

"Huge thanks for all of your hard work. You have shown us what a skilled contractor should be like!"

"Howard is great to work with. He understood the project well, had terrific communication and response time, and delivered a high-quality end product. I will definitely use Howard in the future."