

Charl L. Brill



[LinkedIn Profile](#)



[Kaggle Profile](#)



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CAREER OBJECTIVE

An experienced consultant who combines a systems thinking mindset (engineering) with critical reasoning skills (MBA). Driven by the need to use data, analytics and strategic reasoning to ensure evidence-based decision making for future generations.



PROFESSIONAL PROFILE

Engineer by trade, problem solver by passion

- Fuelled by an incredible passion for obtaining knowledge and applying heuristic solutions to complex problems, supported by strong data analysis for evidence-based decision making.
- Pursued mechanical engineering to establish a foundation for understanding and approaching complex problems systematically, by breaking them down into key components.
- Extended this pragmatic solutions mindset to a boutique management consulting firm
- Exposure to projects within industries including logistics, operations, corporate finance and accounting (specifically budgeting).



SKILLS

Data analytics/ Statistics	Strategy design and Problem Solving	MS Office
Operational efficiency optimisation	Project management	Data Science
BI stack (PowerBI, Qlik, Tableau)	Process/data flow design	Product management
Alteryx CORE certified	Neural Networks	KNIME
		Python, limited R



INDUSTRY EXPOSURE

Engineering and Design	Financial services, Banking	Retail
Logistics and supply chain	Property development	Manufacturing



CAREER SUMMARY

AgrigateOne

Data Scientist, August 2020 to present

- Managed the data team which was focussed on Data Analytics (dashboard and BI development using Metabase) and Data Science projects (process automation and predictive modelling)
- Responsible for product roadmaps of key features relating to data analytics and data science
- Developed several BI dashboard reporting solutions, which is a core feature of the platform

Decision Inc.

Business Intelligence Consultant, April 2019 to July 2020

- Advanced Analytics – co-led the Advanced Analytics team within DI (Alteryx, KNIME, Python)
- Examples of analytics projects:
 - Operations injury driver analysis (mining) (Regression analysis)
 - Sales forecasting (Timeseries forecasting), procurement spend analysis
 - Demand planning (retail logistics) and sales analysis (Timeseries analysis)
- Data Strategy Design – aligning corporate strategy with data management and IT strategy
- BI model development (PowerBI, Qlik Sense and QlikView)

Burlington Strategy Advisors

Analyst, July 2014 to September 2017

- Led the creation of a financial model, which forecasts the cashflows for a property development.
- Developed a techno-financial model for a large scale engineering project that focused on a trigeneration (heated water, chilled water and electricity generation) service solution.
- Designed and developed a capital portfolio optimisation solution for one of the largest capital portfolios in South Africa, at the time.

Mintek

Project Engineer, January 2013 to June 2014

- Led the design office within Mintek and managed new projects focussing on the design of new equipment for pilot plants and site layouts



ACHIEVEMENTS AND AWARDS

- | | |
|---|------|
| ▪ Top achievement for Entrepreneurship during MBA | 2019 |
| ▪ Overall top postgraduate diploma (GM) student award at GIBS | 2018 |
| ▪ Top student performance for 5 (out of 12) PGDip (GM) courses at GIBS | 2018 |
| ▪ Achieved a GMAT score of 670 (82 nd percentile at time of writing the exam) | 2017 |
| ▪ <i>Shooting Star</i> award for “exemplary performance” on a project | 2016 |
| ▪ Graduated 2 nd in Mechanical Engineering class | 2012 |
| ▪ Participant of the International Scholar Laureate Programme (ISLP)
(Engineering delegation), China | 2011 |
| ▪ Top Engineering student (Mechanical) | 2010 |



EDUCATION

Master of Business Administration and Post Graduate Diploma (General Management)

GIBS, University of Pretoria, 2017 to 2019

- Master of Business Administration (MBA) – 70% average
- PGDip (General management) – 78% average
- Attended a term abroad (Kelley School of Business – Indiana University, USA) (2 months)
 - Completed subjects in New Product Management, Predictive Analytics and Data Mining and International Business Environment
- **Thesis topic:** *The influence of management support on the drivers of business intelligence success (published online [here](#))*

Bachelor of Engineering, Mechanical (Cum Laude)

Stellenbosch University, 2009 to 2012

- Achieved an average of 80.2%
- Second in graduating class

National Senior Certificate (IEB)

Helpmekaar College, 2005 to 2008

- Passed with 9 distinctions (A) (90% average)
- Equivalent GPA of 3.5



INTERESTS

Data Science news

Technology disruption

Travelling

Movies and series

The future of technology

Kaggle competitions in Python

CrossFit

Good food

Reading (Business, Psychology, Science)



REFERENCES

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