

Camryn Twaddle

Bachelor of Informatics Hons Student



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About

I am a dedicated and driven honours student at Stellenbosch University, pursuing a Bachelor of Informatics Honours degree. I graduated with a BCom in Management Science with a focal area in Information Systems Management, and have acquired skills in system design, programming, and data analysis. I minored in financial management and have skills in financial interpretation. During university, I have earned awards for top academic performance and development projects, as well as received a membership in the Golden Key Honour Society. I enjoy new opportunities and am eager to further my skills and knowledge through learning and professional development.

Experience



Teaching Assistant [@Stellenbosch University](#)
Feb 2024 - June 2024

- Supported students during practical sessions and guided them in the solution of prescribed practical submissions.
- Conducting formative assessments and marking of summative assessments with training.
- Supporting lecturer with invigilating tests.
- Module administration: managing practical attendance, replying to student queries, and mark management.
- Assisted the lecturer with supplementary classes for the undergraduates.



Data Analysis Intern [@Advance Guidance](#)
Nov 2022 - Jan 2023

- Created a client dashboard using Python Dash, pandas and ggplot to provide insightful graphs. Styled the graphs to match the client's defined style requirements.
- Cleaned and formatted data using notebooks in Visual Studio Code.
- Worked with AWS data storage, git through GitLab and Python packages.
- Attended client meetings.

Education



Bachelor of Informatics Honours [@Stellenbosch University](#)
2024 [Expected]

- Research Project: Exploratory Social Media Data Analysis. Involves collecting social media data, cleaning the data and running various analyses. Languages used for this will be Python and SQL.
- Conducted comprehensive statistical and data analysis using R. This included data cleaning, visualisation, machine learning (linear regression, clustering and classification), and text analysis (topic modelling and sentiment analysis).
- Designed wireframes and prototypes using Figma, focusing on interface, user experience and user journeys.
- Reviewed and presented on various information systems research frameworks and theories.



Bachelor of Commerce in Management Science [@Stellenbosch University](#)
2020 - 2023

- Focal area in Information Systems Management. Developed skills in various programming languages, database theory and design, and systems theory.
- Minor in financial management and business analytics. Developed financial analysis skills through calculating and interpreting key financial indicators. Utilised Power BI for data visualisation and created interactive reports and dashboards.
- Final year average: 74%
- Received awards for top third year information systems student and top -development group project

Skills & Interests

Languages

Python

R

SQL

HTML & CSS

React & React Admin

Javascript

Programmes

Visual Studio Code

RStudio

PowerBI

Visual Paradigm

GitHub

GitLab

Figma

Other skills

UML modelling

Financial analysis

Financial interpretation

Interests

Reading

Organising and planning

Web design

Data analytics

References

Richard J Barnett

Honours lecturer and research supervisor

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Reynard Marx

Junior data analyst and internship supervisor

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