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

Software Developer Intern @Advance Guidance
Jun 2024 - Jul 2024

- Helped create a python package designed to streamline the data science model development process.
- The package aims to simplify model development steps such as, data processing, feature extraction, data profiling, model training and using the model.
- As an intern, I focused on creating data profiling for the features and generating SHAP graphs based on the model.
- The package had to be able to interact with AWS S3 and file system data sources, as well as data read in using PySpark and

Teaching Assistant @Stellenbosch Univerity
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 Analyst 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

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