Kieran Glezer-Jones
Data Scientist

I am a passionate data scientist specializing in Machine Learning, utilizing my passion not only for the field but also for continuous learning to achieve success. Every time I come across a new technique or model, I am immediately filled with excitement, eagerly contemplating ways to apply it to my future projects. This love for learning drew me to data science, as acquiring knowledge in this field felt both practical and exhilarating. Witnessing the incremental improvement of a model's accuracy by just a percent brings me a great sense of validation, further strengthening my love for this domain. Motivated by this passion, I pursued and completed my postgraduate diploma in the field. Backed by a degree in application development, I was able to disregard how technically difficult a task was and rely solely on my imagination. As a result, I eventually graduated as the top student in South Africa. I am now confident in all tasks required of a data scientist, from thorough analysis to model construction. If I were to single out one thing I excel at, it would be the ability to think outside the box while feature engineering. Getting data from external sources allowed me to continuously push the boundaries of what the model could achieve.

Contact

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13-01-1999

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Skills

Machine Learning

Data Science

Data Analysis

Technical Research

Software

Python

C#

SQL

Java

PyTorch

TensorFlow

Jupyter Notebook

Microsoft Power BI

Hobbies

Coding

Games

Browsing Kaggle

Data Science Competitions

Experience

2023 - 2023
Ritza

Technical Writer Specialising in Data Science (Freelance)

- Proved successful working within tight deadlines and a fast-paced environment.
- Communicated with customer representatives for feedback and distribution.
- Analyzed developments in field to update instruction literature.
- Followed company policies and editorial guidelines to craft thorough, well-written content.
- Edited and proofread technical documents for accuracy and consistency.
- Developed online tutorials and web-based training materials for software products.
- Proofread copy written by colleagues to correct spelling, punctuation, and grammar.

2021 - 2022
Caring Candies | Cape Town, South Africa

Software Developer

- Increased administrative productivity by 93% and reduced paper usage by 100% with the creation of a batch management system.
- Became familiar with sales data and developed databases for it.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Coordinated with other engineers to evaluate and improve software and hardware interfaces.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Collaborated with management, internal and development partners regarding software application design status and project progress.
- Analyzed proposed technical solutions based on customer requirements.
- Offered experience with C#, Java and Python.
- Provided guidance and mentored less-experienced staff members.
- Integrated third-party tools and components into applications.

Education

Postgraduate Diploma in Data Science And Analytics
Varsity College
2022 - 2023

- Awarded Top Student in the Country
- Received Honors

Bachelors Degree in Software Development
Varsity College
2018 - 2021

- Received Honors

Notable Contributions and Projects

All source code is available on my <u>website</u>.

Kaggle Competition: Predicting sales for the following year.

- A competition where the sales data for 2017-2021 was provided, and the goal was to predict the sales for 2022.
- Achieved a leaderboard ranking in the top 5%

Predicting a Heart Attack

- Real hospital records were used to train a machine learning model to accurately predict if a patient was at risk of a heart attack.
- The accuracy achieved was 90%

Sign language Interpreter

- A deep learning model was created to accurately take an image input of sign language and return the corresponding character.
- An accuracy of 92% was achieved.
- An autocorrect feature was developed and implemented to increase the accuracy further.

Sentiment Analysis

- An LSTM model was trained from hundreds of thousands of online reviews to be able to accurately predict whether a piece of text was being positive or negative towards a product.
- The model was created for the intention of gaining useful business data from social media comments.
- An accuracy of 88% was achieved.

Fraud Detection

- Hundreds of thousands of transactions were analysed to develop a model capable of instantly detecting if a transaction was likely fraudulent.
- An accuracy of 99% was achieved.