JAMES JOYCE
COVERING LETTER

To whom it may concern,

I am writing to apply for the open position listed by your company. A career in Events and Entertainment had provided me with solid set of soft skills; hard, long hours; working under pressure; liaising with clients; accountability; planning and organisation; responding, effectively to problems; and above all interpersonal and communicative abilities, which I pride myself on. My 3 years as Production Manager at Dabbers culminated in being made Project Manager to oversee the £250k roll-out of its second venue in Hackney. With just an 8-week turnaround time, we transformed a completely empty room into a fully-functioning entertainment venue that continues to be a success.

However Last year I decided to leave Events and Entertainment behind and study Data Science at Le Wagon. I loved every second of the intensive bootcamp; it felt really good to be learning again, and especially in a field that requires the analytical as well as creative parts of the brain. My CV outlines all of the topics I learned, however I particularly enjoyed Time-Series, Deep Learning, and Transformers.

For the final 2 weeks of the bootcamp we worked on group projects. My group's project utilised Neural Networks to assess whether backing any given horse was conducive to a long-term betting strategy to make profit. I was responsible for constructing the preprocessing pipeline, the API and Docker, and I also headed the build and design of the project website on Streamlit.

Most recently at Balfour Winery I have taken on a more Data Analyst role, most notably developing a Harvest Dashboard on PowerBI to help track the busiest part of the year for a Winery. The purpose of the Dashboard was two fold: to track the quality of the vintage by tracking fruit KPIs (sugars, pH, 6-bunch weight etc.) and to display key daily information for the Winery Ops team (expected tonnage and arrival time of fruit deliveries, tank cleaning schedule, general tasks). I've particularly engaged with building a custom tank map of the Winery for PowerBI using QGIS software to add it to the harvest dashboard and further display information more clearly.

My current project at Balfour is developing a model to more accurately predict the yield of the forthcoming crop for the 2024 vintage. I am in the process of collecting vineyard data (bud counts, weather data etc.) from across the 400-acre estate, and, in conjunction with past vineyard data, I am trialing Machine Learning and Deep Learning techniques to forecast the tonnage of this year's crop. Should it prove accurate and successful, the model will be packaged into a simple app and sent to our external fruit suppliers for use in the future.

Completing the Data Science bootcamp has instilled a hunger in me to continue to learn and exceed myself, and at Balfour Winery I have taken the first few steps into a new career, but I'm hungry for a more data-rich role. I look forward to taking many more with you and your company.

Kind Regards,
James Joyce