

Cover Letter

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To Whom it may concern

I am writing to apply for the Data Science position I learned of through Indeed.com. I am enclosing my resume and these links to my project [reports](#) and [code](#) which show the relevant work I have done. After reading the job posting I am confident I meet requirements for the position, based on a number of prior experiences.

The opportunity presented in this listing is very interesting, and I believe that my strong data modeling and analysis experience including data processing and model building in R and Python, make me a very competitive candidate for this position. The key strengths that I possess for success in this position include

- 2 years of traditional data modeling and analysis
- 3 years of experience with R and R studio for statistics, machine learning, data processing, missing value analysis
- 2 years of experience in Python, utilizing machine learning and statistics packages like scikit, TensorFlow, Keras, scipy, pandas
- Visualization and dashboard experience using plotly, dash, matplotlib, d3.js and Tableau
- Familiarity with javascript and C++
- Familiarity with database structures including SQL and NoSQL, MongoDB
- Familiarity with Microsoft Azure and AWS products for databasing and analytics
- Ability to learn in depth about technical topics, using my knowledge base gained through a B.S. in Mechanical Engineering and a M.S. in Applied Math and Statistics

After reviewing my resume and projects, I hope you will agree that I am the type of competent and competitive candidate you are looking for. I look forward to elaborating on how my specific skills and abilities will benefit your organization. Please feel free contact me at 1-631-371-6003 or via email at nb34@buffalo.edu to arrange for a convenient meeting time or if you have any questions.

Best Regards,
Nicholas Barrett