Tirth Shah

(331) 422-5045
tirthshah1711@gmail.com

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Hiring Team
Boston Consulting Group (BCG)

Dear Hiring Team, Greetings!

I would like to introduce myself as an applicant for the Data Science Intern role at BCG. I am confident that my ability to perform as a Data Science Intern at BCG is due to my rigorous education and prior professional work experience.

I learned that candidates with solid knowledge of data skills in Python are suitable for this job role. I am highly skilled in Python programming language for writing algorithms, doing data analytics, statistics and machine learning. I have practiced writing machine learning algorithms from scratch in python during my graduate level machine learning course. I would like to show some work samples through this cover letter -

1) Platform Analytics Dashboard-
https://playpowerlabs.shinyapps.io/edopt_platform_analytics/

2) Curriculum Analytics Dashboard-
https://playpowerlabs.shinyapps.io/edopt_curriculum_analytics/

3) Implementation Analytics Dashboard-
https://playpowerlabs.shinyapps.io/edopt_implementation_analytics/

4) Oral Reading Assessment Tool -
https://github.com/tirthshah17/Oral-Reading-Assessment

5) 50x Speedup of K-Index Statistical Algorithm -
https://drive.google.com/file/d/16jASaAjg6NrFdQckg_eR57WlPmUAJ3BU/view

Additionally, I have worked as a data science consultant and researcher at a leading startup company for 3+ years in the education and psychometrics domain. Broadly, I have worked in 4 different areas - software engineering, predictive modeling, data mining, and statistics. As a result, I have developed proficiency in doing advanced data analytics, data mining, data visualization, design, analysis & optimization of algorithms, have profound knowledge of machine learning & statistical algorithms, as well as scripting languages, including R, Python and SQL. With the above mentioned skills, I believe that I could be a good choice for the Data Science Intern position at BCG promising to complete every task with great quality and make the company proud.

Sincerely,

Tirth Shah