

Brianna J Guckemus

July 16, 2020

Human Resources Specialist 1 at The NYS Office of the Attorney General, Saratoga Springs,  
New York

Dear Mrs. Guckemus

I would like to introduce myself as an applicant for the Data Scientist position at New York State Office of the Attorney General that was posted on Handshake. As a highly motivated individual who thrives in multidisciplinary teams and is passionate about data science research, I believe that my experience and skill set make me the ideal candidate for this position.

During my research at the Johns Hopkins Data Science Lab, I engaged in extensive data processing, data visualization, and machine learning model development. As a Research Data Scientist, I demonstrated excellent communication skills, understanding of machine learning/deep learning algorithms, and excellence in Python / R programming. I also showed proficiency in ggplot / Tableau, knowledge of SQL, and excellence in applied statistics, skills that I applied daily while performing exceptionally well at the lab.

My abilities as a Data Scientist are rooted in a strong statistics foundation. I began with a bachelor's degree in Biomedical Engineering from Northeastern University (CHINA), followed by a master's degree from Johns Hopkins University in Biomedical Data Science with a Biostatistics track. My graduate training focused on processing data using Python / R and forecasting data with machine learning/deep learning. Being passionate about elegant visualization, I developed various tools including websites and software packages for data visualization and machine learning. To strengthen my skills in deep learning, I led multiple projects in the fields of computer vision & natural language speaking, which allowed me to further explore data science issues. I attribute my success as a Data Scientist in large part to this extensive and in-depth education. Also, I do believe my personality has also played a major role in my successful accomplishments in this field. I am extremely analytical, data-oriented, and calculated. Even in my personal life, I like to analyze the relevant data before making decisions that might optimize outcomes.

In closing, I believe my education and experience would ensure my success in this Data Science role, and I am enthusiastic to apply these skills within the cutting-edge technological environment I would expect to find at New York State Office of the Attorney General. Thank you for taking the time to review my application; I look forward to an opportunity to learn more about the Data Science position and to further discuss my relevant skills and experience.

Sincerely,

*Luchao Qi*

Luchao Qi

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