# Omar Zaffar

## Data Scientist

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**Signifyd Team**

Dear Signifyd Team,

I am excited to apply for the Data Scientist position at Signifyd, drawing on my over 3 years of experience in data analysis and manipulation, machine learning, deep learning and effective stakeholder collaboration.

At AdeptID, I transformed raw data into actionable insights by crafting Tableau dashboards from extensive job posting data and enabling classification into ONET taxonomy. I also integrated data from thousands of small businesses and combined that data with a dataset of 100s of millions of individuals, training a recommendation model for targeted training programs. I operationalized models via API deployment, leveraging DVC for robust ML Ops, and fostered dynamic stakeholder engagement, presenting insights collaboratively.

During my internship at Family Promise, I achieved an 80% improvement in predictive accuracy, empowering volunteers with SHAP plots to enhance support service allocation.

In research, I spearheaded Machine Learning in Occupation Ranking, comparing the rankings of 20 subject matter experts and machine learning models modeled under their behaviors. I analyzed how well these models can mimic and understand reasoning behind the ratings of the subject matter experts on their ratings alone.

My proficiency in Python, data manipulation, and visualization bridged technical complexity with actionable insights. I am passionate about data-driven decision-making and innovation, poised to contribute to Signifyd's continued success.

Thank you for considering my application. I look forward to discussing how my skills align with Signifyd's mission and vision.

Sincerely,

Omar Zaffar