Mory Gharasuie Mar 12, 2025

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Integral Ad Science

12 East 49th Street, Fl. 20 New York, NY 10017

**Dear Hiring Team,**

I am writing to express my enthusiasm for the **Fraud ML Engineer Intern** position at Integral Ad Science. Currently pursuing my PhD in Computer Science at Old Dominion University, I have developed a solid foundation in machine learning and deep learning, with projects spanning computer vision, tabular data processing, and semi-supervised learning. My background includes strong proficiency in **Python**, **PyTorch**, **TensorFlow**, and **SQL**, making me well-prepared to contribute effectively to a high-scale, data-driven environment.

Throughout my research roles, I have engaged in end-to-end ML development—from prototyping and evaluation to optimization and deployment—often involving large datasets and advanced modeling techniques. I have published my findings in peer-reviewed conferences , demonstrating my commitment to the scientific method and a strong focus on practical, data-centric solutions. While I have not specialized in fraud detection, my self- and semi-supervised learning experience can readily translate to weak supervision or automated labeling approaches central to IAS’s work. Also, my fast learning capability and good understanding of ML papers and ML concepts, makes me to learn and works efficient.

Additionally, my teaching and research assistantships have sharpened my collaboration and communication skills, as I regularly share insights with colleagues and guide students in lab settings. This experience has instilled in me the importance of clear reporting, thorough documentation, and efficient teamwork.

Thank you for considering my application. I am excited by the opportunity to help shape innovative solutions for fraud detection at Integral Ad Science, and I look forward to further discussing how my background can drive success in this internship role.

**Sincerely,**

**Mory Gharasuie**