Helen Le
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Dear Hiring Manager,

I am a senior pursuing a Bachelor of Science in Business Administration in Computer Information Systems at the University of Louisville, with a concentrated focus in Data Analytics and Business Process Management. I will be graduating in May 2026. My academic background, combined with my passion for data management, visualization, and analysis, has prepared me to turn complex datasets into meaningful insights that support strategic decision-making.

Through my coursework, I have been able to develop a strong foundation in MicroSQL, Excel, Python, Microsoft Visio, Power BI, Weka, and Matlab. More specifically, I have coded many labs in Python that include statistical libraries, such as SciPy, Pandas, Matplotlib, and Seaborn; created queries from real-world data in SQL; fulfilled a full systems analysis of a local nonprofit that include use case diagrams, sequence diagrams, and class diagrams; and used IBM SPSS to read linear regression of real-world datasets. A passion project of mine is an interactive NFL Dashboard in Power BI for my CIS 450 course, where I analyzed two decades of league data (2003–2023) to answer the question of whether offense or defense matters more for team success. The project required cleaning and modeling a large real-world dataset, designing multiple interconnected dashboard pages, and drawing data-driven conclusions — ultimately finding that team balance between offense and defense, rather than dominance in one area alone, was the strongest predictor of championship success. This experience strengthened my ability to turn raw data into clear, visual storytelling that supports strategic decision-making.

Additionally, exploring with AI Agents, I designed and built a Document Retrieval Agent — an AI system capable of autonomously deciding which tools to use, retrieving information from a knowledge base, and synthesizing answers from multiple sources. Using n8n for workflow automation, I developed a full tool architecture with error handling specifications, retry policies, and escalation logic for when the agent encounters failures or ambiguous situations. Through these experiences, I have been able to apply several statistical programs and emerging AI technologies to real-world scenarios and am seeking to improve upon these skills.

Beyond technical skills, I bring a collaborative mindset and a genuine curiosity for learning. I thrive in team settings where problem-solving and innovation intersect, and I welcome the opportunity to demonstrate my analytical skills and contribute to projects that make a true impact on the world.

Sincerely,
Helen Le