

**Jayanth Kumar**

Binghamton University, State University of New York

Master's in Computer Science (AI Track)

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Dear Hiring Manager,

I am writing to express my interest in the Data Scientist position. I am currently pursuing a master's degree in computer science with a focus on Artificial Intelligence at Binghamton University and bring hands-on industry experience from my role as a Data Scientist at Siemens, where I worked on building scalable, production-ready machine learning solutions to drive business and marketing performance.

At Siemens, I developed and deployed machine learning models on large-scale datasets using advanced statistical and machine learning techniques. I collaborated closely with data engineering and operations teams to build reliable data pipelines, engineer features, and support end-to-end model deployment. My work included implementing classification, regression, and clustering models using Python-based ML libraries and AutoML tools, as well as translating analytical insights into measurable business impact.

In addition to my professional experience, I have led several applied machine learning projects involving deep learning, NLP, and large language models. These projects strengthened my ability to design robust ML pipelines, perform rigorous experimentation, and build user-facing systems that deliver actionable insights. My academic training has further reinforced my foundation in statistics, machine learning, and data-driven decision-making.

I am highly motivated to apply my technical skills, analytical mindset, and collaborative approach to solve complex problems and contribute meaningfully to your data science team. I would welcome the opportunity to discuss how my background aligns with your organization's goals.

Thank you for your time and consideration.

Sincerely,

**Jayanth Kumar**