

Jayanth Kumar

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Dear Hiring Committee,

I am writing to express my interest in the Data Analysis Internship within the SciLine department at AAAS. As a graduate student in Computer Science with a focus on Artificial Intelligence at Binghamton University, I am particularly drawn to SciLine's mission of strengthening journalism through scientific evidence. The opportunity to evaluate and enhance story-tracking processes aligns strongly with both my analytical background and my interest in understanding how data informs real-world impact.

In my previous role as a Data Scientist at Siemens, I worked extensively with large datasets to identify trends, evaluate outcomes, and support decision-making processes. Much of my work involved analyzing structured data, validating information accuracy, and generating clear summaries for stakeholders. I frequently collaborated with cross functional teams to assess performance metrics and translate findings into actionable recommendations. These experiences strengthened my ability to work methodically with data while maintaining attention to detail and organizational clarity.

Beyond industry experience, my academic projects have involved designing evaluation frameworks, comparing outputs across structured datasets, and building visualizations to communicate insights effectively. I am comfortable working with spreadsheets, databases, and visualization tools to identify patterns and gaps. I particularly enjoy retrospective analysis—examining what worked, where drop-offs occurred, and how systems can be refined for improved performance.

What excites me most about this internship is the opportunity to apply data analysis toward strengthening science communication. The challenge of assessing story discovery success rates, identifying gaps across media variables, and improving internal tracking processes is both intellectually engaging and mission driven. I am motivated by work that connects evidence, data, and public understanding, and I would value the opportunity to contribute to SciLine's impact on journalism.

Thank you for your time and consideration. I look forward to the opportunity to further discuss how my analytical skills and interest in science-informed media can support SciLine's goals.

Sincerely,

Jayanth Kumar