Aarya Singh
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Atlanta, GA

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Bloomberg Recruiting Team
Bloomberg L.P.
731 Lexington Avenue
New York, NY 10022

Dear Bloomberg Recruiting Team,

I am a rising senior at Georgia Institute of Technology majoring in Computer Science with a 4.0 GPA, concentrating in Intelligence and Theory, and I am writing to express my interest in the Software Engineering & Quantitative Analytics Internships. My experience spans machine learning, algorithm design, and high-pressure problem-solving, and I am excited to apply these skills to Bloomberg's data-intensive, real-time analytics platforms.

Competing in the Bloomberg Bpuzzled Global Finals this year was more than a test of logic—it was a lesson in structured problem-solving under pressure. Tackling multilayered puzzles taught me to break complex challenges into tractable steps, prioritize efficiently, and iterate quickly when initial strategies didn't work. Experiencing that kind of analytical intensity firsthand solidified my interest in Bloomberg and the type of work your teams tackle daily.

At athenaHealth, I faced a different kind of challenge: scaling a document-processing pipeline that struggled to keep up with thousands of daily records. I experimented with multiple modeling approaches before designing a CNN that could reliably process hundreds of thousands of documents per day. Translating the model from prototype to production involved not only coding and training, but also architecting for reliability and throughput. Seeing the system in action in production and improving our touchless rate was a powerful demonstration of how thoughtful design and perseverance can translate research into tangible impact.

Similarly, the IMC Prosperity 3 trading competition tested my ability to make decisions under uncertainty. Designing algorithms for market making and arbitrage required balancing risk and reward while adapting to rapidly changing simulated markets. The experience sharpened my intuition for high-speed, high-stakes problem solving. This intersection of speed, scale, and accuracy aligns closely with Bloomberg's work, and is exactly why I'm excited by the work this company does.

Bloomberg stands out to me because it combines cutting-edge technology with global-scale impact on financial markets. The opportunity to contribute to systems that operate reliably at millisecond speed and inform critical financial decisions excites me. I am confident that my experience in machine learning,

algorithmic thinking, and high-pressure problem-solving would allow me to contribute meaningfully to your team.

Thank you for your time and consideration. I would welcome the opportunity to discuss how my skills and experiences can support Bloomberg's mission.

Sincerely,

Aarya Singh