

Bing-Shiun Han

Bing Han (Preferred name)

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Dear Hiring Manager,

I am writing to express my interest in joining Point72's Canvas team for the 10-week summer internship. As a Ph.D. candidate in Computer Science at Stony Brook University, I have developed strong research skills in GPU performance optimization and ML/AI systems, with a focus on improving job-sharing efficiency. In my recent work, accepted at SoCC 2024, I built predictive models and optimization techniques, achieving a 36% reduction in completion time and a 1.5x increase in throughput by refining GPU colocation strategies. Additionally, I optimized Kubernetes scheduling to enhance resource allocation for machine learning tasks.

Beyond systems optimization, I have practical experience in machine learning model development, demonstrated by my first-place finish in the AICUP Chinese Medical Dialogue Analysis Competition. I trained BERT models to achieve 92% accuracy in analyzing complex medical dialogues, underscoring my ability to apply AI methods effectively.

I am excited about the opportunity to contribute to Canvas by leveraging my analytical and technical expertise to uncover key insights that inform investment decisions. I am confident that my skills in Python, Kubernetes, and machine learning frameworks will allow me to make meaningful contributions to your research efforts.

Thank you for your consideration. I look forward to the opportunity to discuss how my background aligns with the goals of your team.

Sincerely,
Bing Han