I hope this email finds you well! Thank you for reviewing my application and giving me a chance to be reconsidered within the regular decision pool.

While I was admitted by several universities through winter break, CMU remains my top choice college. I understand that many competitive applicants from around the world joined the application pool of CMU in regular decision, so I wanted to take some time to mention some of my recent updates on my accomplishments and what makes me more unique.

Recently, I applied machine learning methods learned in Professor David's course, combined with my finance internship experience. Using the Cat Boost technique, I modeled government bond futures data (price, open interest, order book, trading volume). I explored various window sizes with over a hundred technical indicators, resulting in a feature pool with 10,000+ features. After selection, I identified 10 features that produced the best predictions for daily trends in government bond futures. This experience deepened my understanding of machine learning's role in financial data prediction.

CMU's Mathematics Department prioritizes learning data science and relevant methods, offering courses with practical applications in finance. If accepted into the department, I aspire to delve further into these areas and contribute to their advancement.