

Gabriel Levy

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I am writing to apply for the entry level positions, specifically the research and development position. This job would allow me as a former high level baseball player to stay connected to the game to which I've dedicated my life while using my knowledge of data analytics and statistics to players and teams improve.

Throughout my undergraduate degree at Davidson College, I gained a solid foundation in mathematics, statistics, database concepts, and programming that has aided me while I've developed my skills since then. Outside of class, I tutored other students in math and computer science. I participated in a group called CatStats that assisted in sports analytics work around campus and for outside clients. I also did projects for class related to sports and baseball when I could, and one such project was adopted by CatStats.

This fall, I will finish a master's in data science at Indiana University. I have built upon the skills I learned at Davidson to become a much more experience data analyst. I expanded my database and machine learning and database knowledge considerably. My programming skills have become more fine-tuned. This fall, I will be taking a deep learning course, which will be my first in-depth deep learning experience. I will also be taking an algorithms course that I can hopefully apply to use my skills in an efficient manner. Lastly, I will be performing an independent study on Driveline Baseball's OpenBiomechanics project data.

During my time at Davidson and my first year at Indiana, I balanced all my class work while also playing Division 1 baseball. I learned to compete at a high level, keep working hard no matter where I was at in the totem pole, and play for the sake of a team. Any college athlete must also balance their time extremely well. I had many successes and many failures as a baseball player, and I have learned to handle both in ways that I can learn from the experience.

I recently started an internship in Driveline Baseball's research and development department as an analyst. I was immediately given a project that I have done almost all of the development for, while of course listening to superiors' wishes regarding the product. I have been allowed to put my own vision and creativity into the project. I have balanced multiple projects at once, debugged on an on-call basis, and consistently collaborated with superiors, peers, and people from other companies. Since being at Driveline, I have learned many of the ins and outs of Driveline's operations, which has helped me gain insight into how being an analyst in baseball operations occurs in the real world.

Working for the Blue Jays will give me an opportunity to continue to merge my loves of baseball and data analytics, keep winning baseball games, and continue learning about the game in new and exciting ways.

Sincerely,
Gabriel