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To whom it may concern:

I am a newly graduated Master of Science in Physics and Mathematics and the Data Engineer position at Deloitte has taken my interest. I have throughout my education amassed a range of abilities in data analytics, mathematical modeling, computational physics and multidisciplinary collaboration which I believe can be of use to the Analytics and Cognitive team at your company. I am passionate in data infrastructure, data platforms and how these are implemented in a company environment.

Project Based Work

I have experience working on problem orientated projects, all of them being multidisciplinary projects in science. I can both work unsupervised and in a team environment. When on a project I am self driven and I plan and manage the necessary steps to complete the project within the deadline.

Problem Solver

I have experience being a problem-solver when working on projects. I have experience trimming down the problem to its essence while still keeping the nature of the problem, the focus. When working on the problems I use numerical and analytical tools to investigate and find solutions.

Complete Data Analysis

I have knowledge in the programming languages Matlab and Python where I can perform data extraction from databases and data analysis. I have knowledge in different data structures and algorithms implemented in programs. I can also write scripts that can automate the analysis process and I can implement mathematical models to analyse trends in the data. I am also versed in multiple forms of data visualisation and I can report conclusions based on data sets clearly and convey the conclusions to a wide audience.

Multidisciplinary Education

From my multidisciplinary education in physics and mathematics, I have acquired the ability to be analytical and structured in the way I work. I am critical when I work with data analysis and I have good data ethics. I have a strong foundation in mathematics and physics which enables me to tackle abstract problems.

Lastly, I would like to give you an overview of who I am as an employee. I am an ambitious and optimistic person who will gladly help when ever and where ever I can. I am curious and always looking to learn new skills and improve. I learn quickly, I am efficient when on a project and I am not shy when it comes to responsibility and challenges. I look forward hearing back about the job.

Sincerely,

Nathan Hugh Barr