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Enrique Gutiérrez Flores
Talent Acquisition Specialist,
Nubank

Dear Enrique,

My name is Nisim Hurst, graduate in computer science (MCCi-2019) at *Tecnológico de Monterrey CEM*. I've recently spotted your requirement for a *Data Scientist* on LinkedIn and you have gained my interest. Knowledge accrued over more than 7 study years could be of great utility for your business, especially in building solutions that yield value by recognizing patterns in continuous integration of sales. Especial projects of this kind must be linked to a maturity control process such as [CMMI](#) for software development and [CRISP-DM](#) for data science.

That said, I'm very interested in getting to know more about what your requirements are, and ultimately talk about an opportunity for me to work for Nubank as **Data Scientist**.

In particular, data analysis and quality requires that business data be first gathered through ETLs (extract transform and load). By the same token, those same ETLs must clean the data due to several common issues such as typos, missing values, surrogate IDs or dimensional data normalization. From there on, it is possible to detect consistency errors through *data quality* and *master data management* systems (e.g. the ones within MSSQL 2012). Finally, through OLAP and cube systems for data mining expressions, market basket analysis and even causal hypothesis validation can be performed. More uncommon though, is the usage of online data for time series analysis combined with deterministic or probabilistic graphical models to quantify relationships between variables.

At the moment, my current skill set accrues to more than 10 years of experience. More recently however, I graduated in computer vision, my thesis being titled "*Parking Block Segmentation from a Surveillance Camera Perspective*". Even though my thesis was mainly using deep learning, I am also familiar with the other data mining fundamental tasks e.g., market basket analysis y time series analysis and matrix factorization. In parallel, I'm on my way to complete [Coursera's Probabilistic Graphical Models specialization](#). For more details about my qualifications, please refer to the attached curriculum.

I'm looking forward to talk to you. For the next three weeks, I am fully available on weekdays from 9h to 16h, or even at nights before 10pm. Please let me know when it is more convenient.

Thank you for your time and interest.
Regards,

Nisim Hurst-Tarrab

Attachment: [CV](#)