

Victor Gomes

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WORK EXPERIENCE

Trading com Dados – São Paulo, SP – Brazil

Jul 2019 – Present

Co-Founder & Executive Director

- Co-founded an educational project that aims to teach, and showcase uses of Artificial Intelligence in the financial markets, having had more than 500 students with an overall NPS over 90% and has become a reference in the teaching of quantitative finance.
- Developed “Trading com Dados Academy”, the Learning Management System (LMS) that provides support to Trading com Dados’ operations and facilitates student lifecycle, from enrollment to payment processing.
- Taught classes of Python, R Programming, Data Science and Machine Learning applied to Financial Markets, helping students develop a quantitative finance background with many of them being employed in the financial market thereafter.

XP Inc – São Paulo, SP – Brazil

Analytics & Data Science Coordinator

Oct 2020 – Mar 2021

- Managed a team of 4 Data Scientists that developed analytics projects for AML, Trade Surveillance, Control Room, Compliance, designing projects from idea to execution, managing the entire data pipeline until model deployment.

Data Science Specialist

Sep 2019 – Sep 2020

- Developed predictive models for detecting anomalies and fraud in the Brazilian financial market, having avoided losses over R\$ 50 MM from ponzi schemes, money laundering, account invasion, among others.
- Designed new analytics projects from idea to deployment, TPA (Trading Pattern Analysis), ARS (Advisor Risk Score) and EFD (E-mail Fraud Detection), which were based in Machine Learning algorithms.

Senior Data Scientist, People & Management

Aug 2018 – Aug 2019

- Implemented Machine Learning models such as SVM and random forests to predict employee events namely employee turnover (ET) and employee NPS (eNPS), where insights from the models helped increase NPS from below 0 to more than 40 in one year.

Itaú Unibanco – São Paulo, SP – Brazil

Nov 2016 – Jul 2018

Data Scientist

- Developed an algorithm for detecting frauds in payroll loans using random forests which avoided frauds of more than R\$ 5 MM.
- Built Text Mining structures to identify spurious phone numbers based on reviews branch managers wrote about customers, using techniques such as Latent Dirichlet Allocation (LDA), Naïve Bayes with TF-IDF and Recurrent Neural Networks (RNN).

Northeastern University, College of Computer Science – Boston, MA

Jan 2016 – May 2016

Teaching Assistant – Discipline “Intro to Data Mining and Machine Learning”

- Developed TA activities, such as teaching students, grading tests and correcting code in R Programming.

EDUCATION

IBMEC – São Paulo, SP - Brazil

Jan 2019 – Feb 2020

MBA in Investments and Private Banking – GPA 9,6/10

Northeastern University – Boston, MA

Sep 2014 – May 2016

Master of Science in Industrial Engineering – GPA 3,86/4

Universidade Federal do Rio Grande do Norte – Natal, RN - Brazil

Jan 2009 – Aug 2014

Bachelor of Science in Mechanical Engineering – GPA 8,2/10

University of Guelph – Guelph, Ontario, Canada

Aug 2012 – Aug 2013

Exchange year – Mechanical Engineering

LANGUAGES

English (fluent), Spanish (intermediate), German (intermediate)