

Israel DE OLIVEIRA

PERSONAL DATA

PLACE/BIRTH: Porto Alegre - RS, Brazil | March 20th, 1999
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WORK EXPERIENCE

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| 2022-current | <i>Expert Data Engineer (HP Inc.)</i>
Topics: data governance: lineage and quality, data products, APIs e2e and ETLs e2e (with DevOps), data privacy (NLP). HP Inc. |
| 2021 | <i>Senior Data Scientist (Softplan)</i>
Topics: data analysis, machine learning, IA/NLP solutions for legal documents. Softplan (http://www.softplan.com.br). |
| 2018-2021 | <i>Data Scientist and AI Researcher (DBC, ADP Brazil Labs)</i>
Topics: data analysis, machine learning, knowledge engineering (evidence based reasoning), IA solutions for chain supply. DBC Company (http://dbccompany.com.br). during 2018, ADP Brazil Labs since march, 2019-2021. Instructor of Data Science specialization at UniRitter (Laureate International Universities). |
| 2016-2017 | <i>Improvement of skills</i>
Topics: pattern recognition, machine learning, computer vision, and signal and image processing. Federal University of Rio Grande do Sul. Advisor Prof. Dr. Jacob Scharcanski. |
| 2003-2014 | <i>Mathematics, Physics, Technician Computing and technician teacher</i>
Start with maintenance of workstations. At final, implement Linux systems for internet and telecom services. Teacher at middle and technician school. |

EDUCATION

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| 2021 | Executive MBA: Management with Emphasis on Leadership and Innovation. Fundação Getulio Vargas , FGV Online - Brazil. |
| 2016 | Master of Science in Electrical Engineering.
Title: Comparison between the computed-torque and repetitive control strategies applied to robotic manipulators, at Federal University of Rio Grande do Sul . Advisors Prof. Dr. João Manoel Gomes da Silva Silva Jr. and Prof. Dr. Walter Fetter Lages. |
| 2011 | Licentiate degree in Physics. Federal University of Rio Grande do Sul , Porto Alegre. |
| 2004 | Technician in Computing. Alcides Maya , Porto Alegre. |

COMPUTER SKILLS AND KNOWLEDGE

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| Technician: | LINUX (system, services), \LaTeX , C++ (and many math libs), Shell Script, MATLAB, Robot Operating System, Common Lisp, Python (Numpy, Pandas, PyTorch etc.), Docker, AWS, FastAPI, automated tests (PyTest), SQL (Oracle, MySQL), NoSQL. |
| Academic: | Calculus (numeric, integral and differential), multilinear (tensorial) algebra, optimization theory, Bayesian probability, statistical analysis applied to patterns recognition, modern control and robotics. |