André Thomaz Gandolpho de Mello

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Key Technical Skills

Software engineer looking for interesting opportunities in data related fields.

- **Programming Languages**: Python, Julia, SQL, Java, JavaScript, C.
- **Main Libraries**: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.
- **Tools**: Emacs, Vim, Jupyter Notebook, Linux, Git, LaTeX, Docker.
- **Languages**: Portuguese – Native. English – Fluent. German – Beginner.

Experience

Data Scientist — Nov, 2020 – Present
Big Data & Analytics at Stefanini Scala, São Paulo, SP

- One of the persons responsible for architecting and developing a scalable data scrapping solution. This project aims to periodically extract data from different mobile applications as well as normalize and enhance this data according to customer needs. Tech stack: Google Cloud Platform, Python, PostgreSQL.

Software Engineer — Aug, 2020 – Nov, 2020
Data & AI at Accenture Technology, São Paulo, SP

- Responsible for maintaining a web based analytics platform. The platform presents clients with rich dashboards using data gathered from their Virtual Assistant's log. The Assistant serves more than 600.000 users per month, generating 110.000 conversations/day. Implemented a speed up of more than 6x in the ETL workload. Tech stack: IBM Cloud, Python, Elasticsearch, DB2.

Education

MSc., Computer Science — Mar, 2017 – Oct, 2020
Institute of Mathematics and Statistics – University of São Paulo (USP)
GPA: 3.53   **Area**: Regression, Optimization, Machine Learning

BSc., Information Systems — Mar, 2013 – Dec, 2016
School of Arts, Sciences and Humanities – University of São Paulo (USP)
GPA: 3.22 (3rd place out of 70)   **Area**: Classical Planning, Heuristic Search

Projects and Extracurricular Activities

DS4A: Elite Data Science Training — Feb, 2020 – May, 2020

- DS4A is a program for empowering top ML and AI talents, offered by Correlation One and SoftBank. Classes led by a Harvard professor, with a total of 375 hours of coursework. Received a merit-based full scholarship.
  Graduated with an Honors badge, stating job-readiness in Data Science. My team's capstone project was awarded as one of the **Best Overall Projects**, reaching the Top 8 out of 48 projects and being able to compete in the Grand Final. Source code available at my GitHub page.

Meli Data Challenge — Nov, 2020 – Dec, 2020

- 2020 Edition: Recommendation challenge. Reached Top 60 (user *atgmello*). Solution heavily based on feature engineering, heuristics and NLP techniques. Source code available at my GitHub page.