



Mateus Kochhann Trentz

Chemical Engineer

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- Porto Alegre / RS - Brazil

Languages

- Portuguese
- English
- German

Soft Skills

- Adaptability
- Teamworking
- Critical thinking
- Commitment

Technical Skills

Software Knowledge

- Python
- Tableau (BI)
- Excel
- SQL
- Linux
- GoLang
- Docker
- Git
- JavaScript
- HTML/CSS

Work Experience

Mar/2020 – Present

MaxiQuim

Porto Alegre, Brazil

Consulting company for the chemical industry sector focused on market analysis. Worked on the data sector, with extensive use of pandas in Python for automating the databases and Tableau for visualization. Individually developed projects using machine learning for the classification of Brazilian foreign trade data. Projects sold on www.mxqinsight.com.br.

Feb/2019 – Jul/2019

Unibio

Kalundborg, Denmark

Full-time internship abroad lasting five months. Biotechnology company focused on natural gas fermentation for protein production. Worked in the downstream part of an ultrafiltration process with pilot scale equipment. Research and testing with membranes for scale-up.

Higher Education

Graduation

2013/2 – 2020/2

Federal University of Rio Grande do Sul (UFRGS)

Porto Alegre

Graduated in Chemical Engineering.

Complementation

2018/2 – 2019/1

University of Southern Denmark

Odense, Denmark

Classes in chemical engineering and in project management. Second semester as full time internship for a university project.

Jun/2018 – Aug/2018

Technical University of Dortmund

Dortmund, Germany

Summer course lasting two and a half months. Studies related to Chemical Engineering and German.

Projects

- Tableau Public** My music listening profile analysed using my Spotify personal data. All data transformed in Python and visualization published on *Tableau Public*.
- Github page** Project to scrape text on images posted on imgur. Implemented in Golang and Python. Distributed with Docker.
- Github page** Chess pieces position detector in screenshots, using machine learning with Pytorch. Implemented with Django and distributed with Docker.
- Github page** Python project for the analysis of stock market investment portfolio.
- Cortex Lab - Odense** Extra-class start-up during exchange. Focused on finance and planning.

About me

I love technology, programming is my biggest hobby. I'm a big Rock fan and have been playing guitar for years. My goal is to continue working in an area where I can combine my engineering knowledge with data science and programming.