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 ● ● ● ● ●
- </> Javascript/TS ● ● ● ● ○
- </> React ● ● ● ● ○
- 📊 Tableau (BI) ● ● ● ● ○
- ▦ Excel ● ● ● ● ○
- ▤ SQL ● ● ● ● ○
- 🐧 Linux ● ● ● ● ○
- </> Golang ● ● ● ○ ○
- ⚙ Docker ● ● ● ● ○
- ⚙ Git ● ● ● ● ○

Work Experience

Mar/2020 – Present **MaxiQuim** *Porto Alegre, Brazil*
Consulting company for the chemical industry sector focused on market inteligence. Two years working with data, extensive use of pandas in Python for analysis and automation, Tableau for data visualization and Keras for ML modeling. Third year focused mostly on web services, developed a full stack application with NextJS and Django on which our clients can access our reports in a intuitive dashboard, purchase products and also manage their subscriptions. Products 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.

Personal Projects

Github Page Full stack application to keep track of Spotify listening history. Dashboard made on React, backend made in Python with Django.

Github Page Chess pieces position detector in screenshots using machine learning, made with Pytorch. Implemented with Django and distributed with Docker.

Personal Website Quite a few beautiful animations made with p5.js, which is a Javascript library for creative coding.

Personal Website Website to play Tetris with plain text, using only ASCII characters. Built with React, deployed with Docker.

Github page Python project for the analysis of stock market investment portfolio.

Github Page CLI application that calculates similarity between strings with different configuration. Made in Golange, easy usage with Docker.

About me

I'm a Chemical Engineer who is very passionate about programming and technology in general. I love learning new things and I've been addicted with web development in the last year.