

# Felipe Mazzuco Kauer

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## ABOUT ME

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I am a data scientist and an Electrical Engineering student at UFRGS. Currently, as a Junior Developer at Vilela Brasil Bank, I automate processes to enhance efficiency and develop systems for data management and reporting. My role includes applying big data analytics and machine learning to optimize lead generation and contribute to backend development.

Previously, I interned at DataGlass, focusing on dashboard development with Tableau, and at Quantitas, where I created predictive financial models and managed Middle Office operations. I also gained experience in financial analysis and project management at Loom Gestão de Franquias.

I am passionate about using data-driven insights to solve complex problems and am committed to advancing my expertise in data science and engineering.

## EDUCATION

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**Undergrad in Electrical Engineering** 2027  
UFRGS, Porto Alegre, Brazil

**Associate Degree in Data Science** 2024  
Universidade Estácio de Sá

## SKILLS

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### Programming

- SQL;
- Pandas;
- fastAPI;
- scikit-learn;
- matplotlib;
- langchain;
- TypeScript;
- C;
- Go;

### Languages

- Portuguese - Native;
- English - C2;
- Spanish - B1;

## EXPERIENCE

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**Vilela Brasil Bank** **09/2023 - Present**  
*Junior Developer*

- Automated processes to enhance operational efficiency by identifying repetitive tasks and implementing automated solutions.
- Developed systems for data entry and report generation, boosting productivity and work quality.

- Applied big data analytics and machine learning for lead generation and targeted marketing strategies.
- Contributed to the development and launch of an application, focusing on backend functionalities including AI, payments, and notifications.
- Created an internal data analysis tool for management, providing summaries, suggestions, and forecasts, which improved decision-making and reduced costs.

### **DataGlass**

**06/2023 - 09/2023**

*Data Science and PO Intern*

- Developed and improved dashboards using Tableau for clear and accessible data presentation.
- Optimized existing dashboards to enhance functionality and usability.
- Collected, organized, and analyzed datasets from DataSUS and ANS to ensure data quality and integrity.
- Utilized data analysis tools to derive insights and validate information for strategic decision-making.

### **Quantitas**

**08/2022 - 02/2023**

*Data Science and Resource Management Intern*

- Developed predictive models in Python for financial markets, using statistical techniques such as regression and time series analysis.
- Created reports and visualizations with Matplotlib to present financial performance and market trends.
- Managed Middle Office operations including BOVESPA settlement and securities lending, ensuring regulatory compliance.
- Implemented automated data verification processes to enhance efficiency and reduce errors.

### **Loom Gestão de Franquias**

**12/2021 - 08/2022**

*Financial Projects Intern*

- Analyzed franchise financials to identify opportunities for profitability and operational efficiency improvements.
- Compiled fiscal and budgetary data to create reports supporting strategic decisions.
- Managed Accounts Payable and Receivable, ensuring timely processing and accurate reconciliation.
- Developed a cash flow prediction model for better capital planning and financial decision-making.
- Negotiated with suppliers to secure favorable terms and optimize procurement processes.

## **CERTIFICATIONS**

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- ✓ CPA-20 (2022)
- ✓ CS50: Introduction to Computer Science (2020)