# Wendell João Castro de Avila

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## Education

**Bachelor of Science in Computer Science**

Universidade Federal de Alfenas, Alfenas, Brazil. *2017-2022*

## Professional Experience

**Junior Fullstack Developer**
*Exportadora de Café Guaxupé Ltda.* *Jul 2023-Present*

- Mobile/web front-end development using Flutter.
- Web front-end development using React/Next.js.
- Web back-end development using PHP and SQL Server.
- Maintenance and development of customizations for the TOTVS Protheus ERP system using AdvPl and SQL Server.

**Internship - Web Design / Graphic Design**
*PROGEPE - Unifal-MG* *2021*

- Design of web pages using Wordpress.
- Editing and creating illustrations, flyers, and banners with Photoshop and vectorial drawing software.

**Front-end Development**
*TriBit Jr. - Unifal-MG* *2017-2019*

- Web front-end development with HTML, CSS, and Bootstrap.
- Mobile front-end development with Ionic and Firebase.

## Academic Experience

**Research Paper Publication**
*Learning & Nonlinear Models - Sociedade Brasileira de Inteligência Computacional* *Dec 2023*

- Study and Analysis of Deep Learning Techniques for Solving Financial Problems

**Research and Development - Deep learning**
*Unifal-MG* *2020-2022*

- Development of machine learning models with Python using deep learning techniques applied to financial data.

## Skills

- **Programming Languages:** Typescript, Javascript, PHP, Python, Java, C, AdvPl.
- **Frameworks:** React, Next.js, Flutter, Tailwind CSS.
- **Other:** Git, HTML 5, CSS 3, SQL Server, MySQL, Firebase.
- **Data Science:** Tensorflow, Keras, pandas, numpy, Hyperopt, matplotlib, scikit-learn.
- **Graphic Design:** Photoshop, vectorial drawing.

## Languages

- **Brazilian Portuguese** - Native
- **English** - Fluent

## Courses and Certifications

**Java Completo 2023 by Nelio Alves (Udemy)**
Java 17, OO, Git, JDBC, JPA, Hibernate, MySQL.                    *2023*

**Machine Learning A-Z™ by Kirill Eremenko (Udemy)**
Machine learning full course with Python and R.                  *2020-2021*

**Python A-Z™: Python For Data Science by Kirill Eremenko (Udemy)**
Python for data analysis and data science.                       *2019-2020*

**R Programming A-Z™: Python For Data Science by Kirill Eremenko (Udemy)**
R for data analysis and data science.                            *2019-2020*