



Alanderson Guido Oliveira

Civil Engineer (Future Data Professional)

Brazilian – 33 years old

Driver's License: Type AB

Location: Berilo, MG, Brazil

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Portfolio: github.com/Alandersong

Profile: civil engineer currently transitioning into the field of data science. I possess strong knowledge of computational modeling practices and the use of software in engineering contexts – many of which can be applied to solving business problems in various domains. I have excellent communication and problem-solving skills, developed through academic experiences (teaching assistant, research projects, international exchange, graduate studies abroad) and professional roles (civil engineer, high school teacher, computer instructor, educational freelancer, AI trainer, and content creator). Recently, I've been dedicating much of my free time to acquiring more knowledge in data science.

Career objective: I want to work with data. However, I have not yet clearly defined my preferred role (data analyst, data scientist, data engineer, data architect, AI engineer, machine learning engineer, etc.). I feel I need more work experience to better define this.

Language Skills: Portuguese (Native), English (Fluent), Spanish (Fluent).

Academic Background

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| • <u>September 2018 – July 2020</u>
Budapest, Hungary | Masters in Structural Engineering
Budapest University of Technology and Economics |
| • <u>August 2014 – December 2015</u>
Manhattan - KS, USA | Bachelors in Civil Engineering (exchange program)
Kansas State University |
| • <u>May 2013 – May 2017</u>
Teófilo Otoni - MG, Brazil | Bachelors in Civil Engineering
Universidade Federal dos Vales do Jequitinhonha e Mucuri |
| • <u>February 2010 – February 2013</u>
Teófilo Otoni - MG, Brazil | Bachelors in Science and Technology
Universidade Federal dos Vales do Jequitinhonha e Mucuri |

Additional Courses and Extracurricular Activities

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| • MySQL | Curso em Vídeo |
| • Data Science and Artificial Intelligence Fundamentals | Data Science Academy |
| • Data Engineering Fundamentals | Data Science Academy |
| • Python Language Fundamentals for Data Analysis and Data Science | Data Science Academy |
| • Microsoft Power BI for Business Intelligence and Data Science | Data Science Academy |
| • Research Projects: In-plane behavior of composite floors under seismic effect
Stress analysis of membrane structures using ANSYS
Air quality monitoring, modelling and management | Budapest, Hungary
Teófilo Otoni - MG, Brazil
New Orleans - LA, EUA |

Computer Skills: ANSYS, AutoCAD, CypeCAD, C language, Python, MathCAD, Matlab, Microsoft Access, Excel, Power BI Desktop, PowerPoint, Word, SAP ERP, SketchUp, and SQL.

Professional Experience

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| • <u>April 2025 – now</u>
Collaboration in high-level AI training projects through interaction with the models under development. | AI Trainer at Outlier | Online |
| • <u>January 2024 – now</u>
Channel Trophy Manager Tips (in English), focused on the online game Trophy Manager. | YouTube Content Creator | Online |
| • <u>January 2021 – now</u>
Development of projects, small-scale construction execution, and property regularization. | Freelance Civil Engineer | Berilo - MG, Brazil |
| • <u>August 2021 – now</u>
Solving problems for students and professionals across various fields. | Freelance Writer at Livingston Research | Online |
| • <u>June 2021 – December 2024</u>
Infrastructure project development and technical responsibility for the public entity. | Civil Engineer at the City Hall of Berilo | Berilo - MG, Brazil |
| • <u>August 2017 – December 2024</u>
High school Physics and Chemistry teacher, on a part-time and periodic basis. | High School Teacher in State Schools | Berilo - MG, Brazil |