# Alanderson Guido Oliveira

Civil Engineer (Future Data Professional)

**Brazilian – 33 years old**
**Driver's License: Type AB**
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**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, 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

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

## Additional Courses and Extracurricular Activities

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

- January 2024 – now — **YouTube Content Creator** — **Online**
  Channel Trophy Manager Tips (in English), focused on the online game Trophy Manager.

- January 2021 – now — **Freelance Civil Engineer** — **Berilo - MG, Brazil**
  Development of projects, small-scale construction execution, and property regularization.

- August 2021 – now — **Freelance Writer at Livingston Research** — **Online**
  Solving problems for students and professionals across various fields.

- June 2021 – December 2024 — **Civil Engineer at the City Hall of Berilo** — **Berilo - MG, Brazil**
  Infrastructure project development and technical responsibility for the public entity.

- August 2017 – December 2024 — **High School Teacher in State Schools** — **Berilo - MG, Brazil**
  High school Physics and Chemistry teacher, on a part-time and periodic basis.

- June 2004 – July 2006 — **Computer Instructor and Assistant at Inforcenter** — **Berilo - MG, Brazil**
  Introductory computer lessons and assistance with basic Windows software and computer maintenance.