



# Alain Ramon Burkhard

## 29, Data Scientist, Civil Engineer

I am a highly motivated and determined person with a civil engineering background and passionate about tech. In my free time, I keep an eye on the updates in the data analytic field. I enjoy playing football and spending time with my cats and partner.

### Personal Information

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### Skills

Microsoft Office  
Autocad  
Visual Basic  
PowerBI  
Streamlit  
Python  
HTML  
SQL  
AWS

### Languages

Portuguese  
English  
German

#### Mechanic

H.U. Kohli AG - 100%

- Lathe machine operator
- Silo construction
- Mechanic
- Industrial painting

Lucerne, Switzerland  
Feb 2021 -

#### Civil Engineer

Self-Employed - 100%

- Project management
- Planning and construction management
- Complementary projects, budgeting
- Purchase, accounting, and legalization process
- Implementation feasibility study
- Planning and electric installation project
- Infrastructure for photovoltaic panels roof

Paraiba, Brazil  
Aug 2019 - Mar 2020

#### Civil Engineering Intern

Dimensional Construções LTDA - 60%

- Construction process monitoring
- Maintenance and orders of repair manager
- PR between company and property owners

Paraiba, Brazil  
Feb 2018 - Jul 2018

#### Private Tutor

Tutoring Services for High/Middle School Students

- Math, Chemistry, Physics and Biology

Paraiba, Brazil  
2013 - 2018

#### Civil Engineer Intern

Q Engenharia LTDA, 50%

- Monitoring and inspection of construction
- Documentation and legal process for public bidding
- Project planning and budgeting

Paraiba, Brazil  
Aug 2017 - Feb 2018

### Education

Bachelor in Civil Engineering  
| 2012 - 2018 |  
Universidade Federal da Paraiba  
4080 hours  
Grade: 8.43/10  
Thesis: "Use of kaolin beneficiation  
waste for alkaline activation." 10/10  
Study abroad scholarship program  
CAPES - BR/University of the German  
Armed Forces - Munich, DE

### Academic Experience

PROBEX - CGA UFPB

Environmental Management, selective waste program  
Plan for integrated solid waste management of the university

Paraiba, Brazil  
May 2016 - May 2017

Student Directory "Vez e Voz"

Financial Advisor: Committee planning

Budget plan and accounting

Paraiba, Brazil  
Jan 2016 - Jul 2016

University of the German Armed Forces

Student Researcher: Test conducting, characterization  
of construction materials, and binder testing.

Munich, Germany  
Jul 2015 - Aug 2015