



ALAIN RAMON BURKHARD

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Lucerne, Switzerland

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alainrburkhard.github.io/projectportfolio/

EDUCATION

LUCERNE UNIVERSITY OF APPLIED SCIENCES AND ARTS

MSc. Applied Information and Data Science

120 ects

Luzern, Schweiz

Set 2023 -

UNIVERSIDADE FEDERAL DA PARAIBA

Bachelor Degree in Civil Engineering

4080 hours

Grade: 8.43/10

Paraiba, Brazil

Mar 2012 – Dez 2018

UNIVERSITY OF THE GERMAN ARMED FORCES

“Science Without Borders Program”

Study abroad scholarship program

through CAPES-BR

Munich, Germany

Set 2014 - Aug 2015

WORK EXPERIENCE

H.U. KOHLI AG

Mechanic, 100%

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

Lucerne, Switzerland

Feb 2021 –

SELF-EMPLOYED

Civil Engineer, 100%

- Implementation feasibility study.
- Planning and electric installation project
- Project management
- Planning and construction management
- Complementary projects, budgeting
- Purchase, accounting, and legalization process

Paraíba, Brazil
Aug 2019 – Mar 2020

DIMENSIONAL CONSTRUÇÕES LTDA

Civil Engineering Intern, 60%

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

Paraíba, Brazil
Feb 2018 - Jul 2018

Q EMPREENDIMENTOS E TERRAPLANAGEM LTDA

Civil Engineering Intern, 50%

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

Paraíba, Brazil
Aug 2017 - Feb 2018

ACADEMIC EXPERIENCE

DEPARTAMENTO DE ENGENHARIA CIVIL E AMBIENTAL - UFPB

Bachelor Thesis

Title: “*Utilização do rejeito do beneficiamento do caulim para ativação alcalina.*”

pt - 2018

“*Use of kaolin beneficiation waste for alkaline activation.*”

Prof: Cibelle Guimarães Silva Severo

Grade: 10/10

PROBEX - CGA UFPB

Student Researcher

Environmental Management Commission, selective waste program

Plan for integrated solid waste management of the university

Paraíba, Brazil
May 2016 - May 2017

UNIVERSITY OF THE GERMAN ARMED FORCES

Student Researcher

Summer internship at the Institute for Building Materials

- Test conducting, characterization of construction materials, and binder testing.

Munich, Germany
Jul 2015 - Aug 2015

YOUNG TALENTS FOR SCIENCE - CAPES/CNPQ

Student Researcher

Research initiation program

- providing research support for researchers, master's students, and doctoral students.

Paraiba, Brazil
Jul 2012 - Jun 2013

COURSES

DATA SCIENCE COMUNITY

Machine Learning Fundamentals - 35h

DATA SCIENCE COMUNITY

Git Tool for DS and Github Repository - 8h

DATA SCIENCE COMUNITY

SQL Basic to Advanced - 10h

DATA SCiENCE COMUNITY

Python for Data Analysis - 38h

CODECADEMY

Introduction to Python Language - 20h

UDEMY

Microsoft Powerbi - 10h

UDEMY

Basic HTML5 and CSS for web - 8h

UDEMY

Visual Basic for Applications and Excel Makros - 10h

ADDITIONAL INFORMATION

Languages: Portuguese, German, English

Website: alainrburkhard.github.io/projectportfolio/

Drive license type B

Hobbies: Football, eSports, Carpentry, Fitness