

Pedro Magno Müller

Electrical and Computer Engineer

With a particular interest in programming and engineering, I consider myself an ensemble of places and cultures, interests and experiences, projects, and innovations. In the future, I hope I can join my engineering skills and my interest for programming to fulfill my professional aspirations.



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EDUCATION

Master in Electrical Engineering and Information Technology

TUM : Technische Universität München

08/2018 - 05/2021

Munich, Germany

Courses

- Core Modules: Power Engineering and Renewable Energies

Bachelor in Electrical and Computer Engineering

FEUP : Faculdade Engenharia da Universidade do Porto

07/2015 - 07/2018

Porto, Portugal

WORK EXPERIENCE

Software Developer

Pragmatic Industries GmbH

10/2021 - Present

Berlin, Germany

Start-Up

Achievements/Tasks

- Developing a CRM for small to middle-class mechanical engineering companies
- Worked mainly as a Python Developer (Django Framework)

Working Student

Siemens Energy

10/2020 - 06/2021

Munich, Germany

Achievements/Tasks

- Research on hydrogen technologies
- Developed an energy system model of Germany
- Master Thesis on "Evaluation of Hydrogen Transport Infrastructure Options within a Hydrogen-Based Energy System"

Working Student

TUM : Technische Universität München

01/2020 - 08/2020

Munich, Germany

Achievements/Tasks

- Supported different projects at the Institute for Energy Economy and Application Technology
- Research Internship on "Optimization and Simulation of a Flexibility Market on a Blockchain"

SKILLS

C

Python

SQL

Git

Matlab

Solidity

C++

Django

Docker

PostgreSQL

SQLite

PERSONAL PROJECTS

Guitar Teacher (2016 - 2018)

- Teach kids from all ages how to play guitar
- Organization of concerts

Jugend Musiziert (Musical Contest) (2008 - 2014)

- Played in a classical guitar quartet
- Had the opportunity to travel around Europe to play

ORGANIZATIONS

Just a Change (2016 - Present)

Volunteer at a Non-Profit Association that rehabilitates homes for needy people

CERTIFICATES

German Abitur: German C2

FCE: English B2

TUM Language Course: French B1

LANGUAGES

Portuguese

Native or Bilingual Proficiency

German

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Limited Working Proficiency

Spanish

Limited Working Proficiency

INTERESTS

Music

Painting

Arts

Music Production

Travel

Volunteer Work