

# Pedro Magno Müller

## Software Developer

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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## 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"

## 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

## SKILLS

C

Python

SQL

Git

Matlab

Solidity

Heroku

AWS (RDS/S3)

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

## 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