JOSÉ LUIZ S. MENDONCA

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Weingarten, Deutschland

in jose-luiz-mendonca

EXPERIENCES

Physics Tutor

Hochschule Ravensburg-Weingarten

March 2024 -

- Weingarten
- Responsible for hosting weekly tutorials to support lecture
- Preparing students for examinations
- Moodle course management, exercise creation

CAD Lecture Assistant

Hochschule Ravensburg-Weingarten

March 2024 -

Weingarten

- Reverse engineering parts for lecture content creation
- Helping students with various issues ranging from system setup to design theory, technical drawing rules

Research Assistant (HIWI) for Automotive Engineering Hochschule Ravensburg-Weingarten

☐ Oktober 2023 -

Weingarten

- Exercise creation for the students
- Matlab simulation
- Composing

Eletronics Production

RAFI Ravensburg

📋 Juli 2023 - September 23

Berg

- Testing production parts
- Operating and programming industrial robots
- Maintenance of production line parts

Mechaniker

Hofgut Wiggenweiler

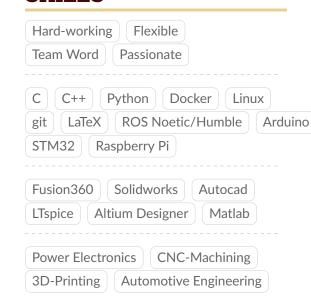
🗖 April 2022 - Februar 2023

- Bermatingen
- Maintenance and operation of tractors, telehandlers, and other heavy vehicles
- Inventory management

MOTO

"Far and away the best prize that life has to offer is the chance to work hard at work worth doing"

SKILLS



LANGUAGES

English	••••
Portuguese	••••
German	••••
Spanish	••••

EDUCATION

E-Mobility and Green Energy Hochschule Ravensburg-Weingarten

March 2022 -

PROJECTS

Additive Cooling

Hochschule Ravensburg-Weingarten

März 2023 - Juli 2023

- Creation of testbenches for temperature measurements in metal props
- Prototype creation using 3D-Printing and CNC machinning

Rover to Mars

Hochschule Ravensburg-Weingarten

☐ November 2023 -

- Team management (Mostly done through Github)
- Developing Software for a 6-wheeled rocker buggy style rover (Using ROS Humble as middleware, and Python for most of the nodes)
- Creation of Docker applications
- Setting up CAN communication between VESCS and controller
- Supporting Mechanics team in areas of expertise (machining, chassis design, teaching new team members about technical drawings, design considerations, etc)

A WEEK IN MY LIFE

