Ana Helena Marcacini

✉ ana.marcacini2000@gmail.com / ☎ (11) 98750-7002 / in Ana Helena Marcacini
🌐 AnaMarcacini / ⊙ São Paulo, Brazil

EDUCATION

Bachelor's Degree in Computer Engineering   Jan/2020 – Dec/2024
Mauá Institute of Technology

High School   Jan/2016 – Dec/2018
Dante Alighieri School

PROFESSIONAL EXPERIENCE

Mauá Institute of Technology - Research Center   Jan/2023 – Present
Researcher at the Electronics and Telecommunications Division
The Electronics and Telecommunications Division is the department of the Mauá Institute of Technology's Research Center that carries out research and development projects in the area of technology, focused mainly on the Internet of Things (IoT).
- SmartCampus Mauá Project – Platform that collects data from sensors located across the IMT campus
- CubeSat Project – Involved in the launch of the nanosatellite
- Responsible for the Prometeon Project – development of an IoT tire
- Experience with RFID, Sensors, Embedded Systems and Web Application Development

Mauá Institute of Technology   Feb/2022 – Jan/2023
Teaching Assistant for Calculus II
The Teaching Assistant role for the Calculus II course at the Mauá Institute of Technology is part of a program designed to assist students and clarify doubts and difficulties regarding the content taught in the Calculus II course.
- Provide support to students
- Assist in correcting exercises and assignments done in class
- Create educational materials
- Keeping the virtual learning environment up to date

Mauá Junior   Mar/2021 – May/2022
Senior Consultant
I was part of the Junior Enterprise at the Mauá Institute of Technology, which provides consulting services to external companies.
- External IT team
- Marketing team
- Projects in the areas of VBA and WordPress website creation
- Recruitment team

LANGUAGES, KNOWLEDGE, AND INTERESTS

Languages
- Portuguese (Fluent)
- English (Intermediate)
- Italian (Basic)

Programming Languages
- Python (Advanced)
- C (Intermediate)
- Java (Basic)
- Javascript (Basic)
- SQL (Advanced)

Frameworks
- Vue.Js (Basic)
- Next.Js (Basic)
- React (Basic)

Cloud
- AWS (Basic)

Office
- Microsoft Office Suite (Advanced)
- Machine Learning (Intermediate)
- Neural Networks (Basic)
- Power BI (Advanced)
- Canva (Advanced)
- Figma (Intermediate)
- Kdenlive (Intermediate)
- Notion (Advanced)

Technologies
- Git (Intermediate)
- Postgres (Basic)
- VBA (Advanced)
- Google Apps Script (Advanced)
- Docker (Basic)
- GitHub Actions (Basic)
- Wordpress (Advanced)

COURSES AND PROFESSIONAL DEVELOPMENT

Next.js App Router and Testing
Rocketseat - online
Course Load: 6 hours
Professor: Diego Fernandes

Data Science & Machine Learning
Asimov Academy - online
Course Load: 36,5 hours

Interactive Dashboards with Python
Asimov Academy - online
Course Load: 68,5 hours

Artificial Intelligence Applied to Robotics and Computer Vision
Mauá Institute of Technology - In-person
Course Load: 80 hours
Professor: Eduardo Lobo Lustosa Cabral

Other Courses and Projects