

VÍTOR MATTEDI

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Electrical Engineering | Developer

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PROFILE

I am an Electrical Engineering student at the Federal University of Bahia with a passion for technology and innovation. I'm actively seeking an internship opportunity where I can apply my skills in software development, embedded systems, and system automations to contribute to impactful and forward-thinking projects. I thrive in dynamic environments, enjoy solving complex problems, and am quick to learn new tools and technologies. I'm especially interested in opportunities where I can continue to develop my skill set and contribute meaningfully to the team.

EDUCATION

- Bachelor of Electrical Engineering, Federal University of Bahia (UFBA)
Aug 2016 - Current.
- English Exchange Program, ILSC Melbourne, Australia
Oct 2017 - May 2018
- Electrical Engineering Exchange Program, Technische Universität Ilmenau
Mar 2019 - Mar 2020

PROFESSIONAL EXPERIENCE

Freelance developer, MattediWorks,
2023 - Current.

- Development of landpages, PWAs, and web applications.
- Development of Management Systems for Small Companies.
- Development of customized home automation systems using STM32 and ESP32 using FreeRTOS.

Undergraduate research lead assistant in Application Development, UFBA,
Jun 2024 - Current

- Leading the application development team for the Croc-App project (a research project that aims to build an app that takes a photo of a crocodilian and uses AI to recognize its species).

SKILLS

- JavaScript / TypeScript
- NodeJS
- Web Development Frameworks: (Express & Nest) / (React & Next)
- Python
- HTML/CSS/Bootstrap/tailwind/shadcn
- Relational Databases: MySQL/Postgres
- Code Versioning with Git/GitHub.
- Embedded Systems and Robotics: Development and deployment of embedded applications using C++ & FreeRTOS.
- Java (Intermediate)
- C# & .NET (Intermediate)
- Microsoft Office & Power BI

LANGUAGES

- English: Fluent (CAE C1)
- Spanish: Medium proficiency
- German: Basic proficiency
- Portuguese: Fluent (Native)

PROJECTS

- crocs.py.vercel.app
- mattediworks-shop.com.br
- www.consoleadventure.com/rtsim
- www.fullstackaws.onrender.com