Alameda Santos - Jardins
Paulista
São Paulo-SP

Matheus Francisco B. Machado

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Experience

Software Developer	Empresa Júnior de Engenharia de Computação	2016 – 2017

- Project Member: Worked as a front and backend developer and developed embedded systems.
- Commercial Member: Customer prospecting and understanding the region's market.

Scientific Initiation Scholarship	Universidade Federal de Santa Catarina	2017 – 2019

- Researcher: Researched prediction models to classify students at risk of failure.
- Software Developer: Used python to develop prediction models to classify students at risk.
- Software Developer: I work on integrating a dashboard developed in CoffeeScript with the prediction models. Thus helping teachers rate students at risk of failure.

Physics teacher	Universidade Federal de Santa Catarina	2018 – 2019

- Physics teacher at the college entrance exam at the Federal University of Santa Catarina

Software Developer	Gupy	2019 – work here

- I work in the leading SaaS platform in recruitment and selection using Artificial Intelligence, focusing on the backend. Using technologies like Python / Django, Nodejs, Docker, Postgres, Redis, AWS.

Education

Ararangua, SC	Universaidade Federal de Santa Catarina	2014 – 2019

- Bachelor of Computer Engineering.

Some projects

Projects

- **Fundador do projeto (2016)** Founding Member of the Arara Makerspace.
- **Professor (2016-2017)** Programming logic teacher for kids.
- **OSM MAP (2017)** Navigation system using Open Street Map, developed in python
- **Arm-Cortex3 Ext3 (2017)** File system Ext3 to Cortex M3 ARM.
- **Cafeteira crypto - (2018)** Raspberry PI® coffe maker that accepts payment with cryptocurrencies
- **Real-Time-Embedded-Systems - Trabalho de graduação** (2018). Operating System to PIC18f4520.
- **Professor (2018-2019)** Programming arduino teacher.
- **ExgMachine (2018-2019)** Final course work: Cryptocurrency Compensated Metal Coin Collector.

Skills

- Python (Flask, Django, scikit-learn, pandas, NumPy)
- Javascript (NodeJS, Express, CoffeScript, Socket.io, JQuery, AJAX, Grunt, VueJS)
- Java
- C/C++
- Database (PostgreSQL, MySQL, MongoDB)
- Google Cloud Plataform (Firebase), Heroku
- Docker
- Git
- REST-API

- Postman, Insomia
- Blockchain, Smart Contract (Solidity)

Studying about

- New programming paradigms (Functional Paradigm)
- Clojure
- Golang
- Design Patterns
- Domain Driven Design
- Database (Datonic)
- ReactJS, React Native
- Blockchain, Smart Contract (Solidity)

Links

- Website: `matheusfrancisco.github.io`
- Arara Makerspace: `araramakespace.github.io`
- Github: `https://github.com/matheusfrancisco`
- Linkedin: `https://www.linkedin.com/in/matheus-francisco`