● CAREER PROFILE

Specialized in software testing with experience in automation of tests, extensive experience in programming using Python, creating and deploying Python packages composing an automation framework to be installed in multiple servers via Jenkins CI/CD jobs. Also using Python for automation of test cases and creation of automated test suites for Android mobile devices.

Experience in several programming languages for desktop, web, mobile and embedded.

Experience in Data Mining, and also Text Mining with focus in Author Profiling, using Python.

Interested in developing multiplatform systems and applications of Data and Text Mining.

Interested in DevOps and Linux Systems Administration and Virtualization.

● EXPERIENCES

Software Engineer

2021 - presente

FADE (Projeto CIn-Motorola), Recife (https://fade.org.br/)

Software engineer working in a software testing team, responsible for automating test cases using Python, developing scripts in Python, Shell, Batch and JavaScript, and maintaining automated test suites their executions in continuous integration software (Jenkins).

Execution of manual and automatic test cases and reporting issues found with reproduction steps.

Maintenance and development of web-based software using HTML, CSS, JavaScript, Python and Flask framework.

Administration of Linux servers remotely via SSH,

Ruan Bahia

Software Engineer

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○ ruanmed
(http://github.com
/ruanmed)

🦊 ruanmed
(http://gitlab.com
/ruanmed)

LANGUAGES

Portuguese (Native)

English (Professional)

and creation of automatic Ansible routines (Ansible playbooks).

Software Developer

2019 - 2021

Hectares, Juazeiro (https://hectares.tech/)

PHP & Laravel back-end development, JavaScript & Vue front-end development. DevOps delivery in Digital Ocean droplets.

Computer Engineering Intern

2018 - 2019

Committee for Assessment (CPA/Univasf), Federal University of Vale do São Francisco, Juazeiro (http://www.cpa.univasf.edu.br/)

Subsidy for the actions of the commission which required specialized assistance in the area of Computer Engineering, including the development and maintenance of the commission's own systems, under supervision of Profa. Dra. Michelle Christini Araújo Vieira (http://lattes.cnpq.br/9372845638085633), then president of CPA, and under orientation of Prof. Dr. Max Santana Rolemberg Farias (http://docentes.univasf.edu.br/max.santana/).

A major contribution during this internship was the set of improvements made to the half-yearly evaluation system of CPA, which is a model-view-control web system programmed in Groovy and Java using a MySQL database.

Responsibilities during this internship included:

- Assistance in planning, organization and forwarding the committee's decisions;
- Implementation and maintenance of systems using HTML, CSS, PHP, JavaScript and SQL databases;
- Maintenance and update of CPA web systems;
- Advisement of CPA members by collecting necessary information to achieve CPA goals, assisting in the statistical treatment o the collected data;
- Organization and promotion of maintenance in the CPA databases, and collaboration in writing and formatting CPA reports.

● EDUCATION

Software Residency Specialization - Software Testing

Federal University of Pernambuco   2020 - 2021

Specialization course focused in Software Testing, with on hands practice of the fields of software testing with a internship in CIn-Motorola project, a 3rd-party contractor of Motorola focused on testing of the Motorola phone prototypes products before and after market release.

In-depth knowledge of software testing with theoretical study of software testing fundamentals, software development process, software quality, software analysis and design, project management, requirements engineering, object orientation using Java and Android, cellular networks, information retrieval and complex data mining.

Final course monograph project research about classification of failures in automatic test case executions: **Auxiliary Software Tool to Help in Classification of Failures in Automatic Test Case Executions for Software in Mobile Products**.

BEng Computer Engineering

2014 - 2020

Federal University of Vale do São Francisco (Univasf)

General knowledge in computer programming, with disciplines focused in C, C++ and Java. Concepts of software engineering developed through theoretical study and academic team projects. Computer architecture and networks knowledge, design and development of embedded systems projects during the course.

Participation in Embedded Systems Competitions promoted in SBESC 2016 and SBESC 2019, with team development of Radar³ and busComfort projects. Artificial inteligence background with focus in Data Mining, participating in Data Mining Cup 2019.

Final course project research about Text Mining, producing the **Research about the performance of Information Retrieval based features for Text Mining tasks**.

- busComfort (https://gitlab.com/buscomfort/)
- DMC 2019 - Participation (https://gitlab.com/jramorim1/dmc-2019---univasf/)
- Research on the performance of Information Retrieval based features for Text Mining tasks (https://github.com/ruanmed/tcc-ii-ir-features-text-mining/)

⬤ **PROJECTS**

Previous projects were AgroPreços and Eloagro, applications developed in a team effort with the other founding members of Hectares.

Some previous projects include the contributions made creating and mantaining
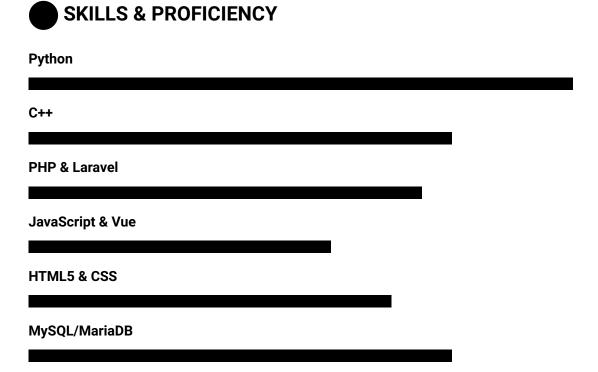
CAECOM-UNIVASF's website, also the project busComfort developed for SBESC 2019 Embedded Systems Competition.

busComfort (https://gitlab.com/buscomfort/) - Embedded system created for public transportation buses, focused in monitoring the comfort level during bus rides. Embedded modules programmed in C++ and Monitoring System mainly in JavaScript.

AgroPreços (discontinued in 2021) - Single-page application exhibiting the commercial data of agricultural crops obtained from Brazil's agricultural supply centers (CEASAs). Developed using Quasar framework (Vue & JavaScript). Launched into operation in 2019, discontinued in 2021.

Eloagro (discontinued in 2021) - Platform for buyers and sellers of agricultural crops to negotiate fruits and vegetables. Android application developed using Quasar (Vue and JavaScript) with backend in Laravel (PHP). Launched into operation in 2020, discontinued in 2021.

CAECOM-UNIVASF Website (https://caecom.github.io/) - A website for the representative body of students of Univasf's Computer Engineering course. Developed using Jekyll static site generator with a custom template based in the free Moon theme for Jekyll.

● SKILLS & PROFICIENCY

Python

C++

PHP & Laravel

JavaScript & Vue

HTML5 & CSS

MySQL/MariaDB

Elasticsearch

ArangoDB