

Fábio Pelagaggi

Fábio Rodrigues Pelagaggi Nunes

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Languages

+55 21 97124-4638

Portuguese - Native

English - Advanced

Summary

Software Engineering student looking for challenges that I can use my programming knowledge and my life experience to learn and acquire new achievements.

Access my portfolio on: <https://fabio.pelagaggi.com/>

My GitHub: <https://github.com/FabioPelagaggi>

Formation

Software Engineering / Infnet RJ

April 2020 - Expected Ending April 2024, Rio de Janeiro - RJ (Brazil)

Geology / UFRJ

January 2016 - December 2018, Rio de Janeiro - RJ (Brazil)

Knowledge

Development:

Experience developing using tools like Git, GitHub. With Scrum Agile Software Development.

Web Development (HTML5, CSS3 and JavaScript):

Knowledge in HTML5, CSS3 and JavaScript. Experience developing considering aspects of interactivity and responsiveness, using Media Query, JQuery, Restful API among others.

Python:

Knowledge in Python language, with experience with several of its modules, including; psutil, os, cpuinfo, platform, subprocess, socket, nmap, threading, BeautifulSoup, requests, pygame among others.

Experience designing and developing software using Python language, exploring concepts of network architecture, computer architecture and operating systems.

Kotlin:

Knowledge in Android Development using Kotlin language and MVVM architecture. Experience in the following features: Publish to Google Play app store, Security Architecture for apps, Ads and Purchases, technical accessibility in Android interfaces, RESTful APIs, Firebase.

Computer Architecture and Operating Systems:

Knowledge of computer architecture, hardware components, operating systems, kernel and software. Knowledge in assembly and maintenance of computers in both hardware and software level.

Computer Network Architecture:

Knowledge of IEEE 802.3 and 802.11, b, a, g, n, ac interfaces. And its components; Routers, Switch, Bridge, Hubs. TCP / IP and OSI protocols.

GitHub Projects

- Multithreading Bouncing Balls: Software developed to demonstrate, in a visual way, the functioning of multithreading in Python. The software creates a thread to process the ball movement of each ball by demand.

Link: <https://github.com/FabioPelagaggi/Multithreading-Bouncing-Balls>

- Multiprocessing LocalHost Bouncing Balls: Software developed to demonstrate, in a visual way, the functioning of multiprocessing in Python.

Link:
<https://github.com/FabioPelagaggi/Multiprocessing-LocalHost-Bouncing-Balls>

- PC Resources Monitor: This project aims to create a tool, using the Python programming language, that visually shows the use of the resources of some hardware components.

Link: https://github.com/FabioPelagaggi/PC_Resources_Monitor

- Memory Game: Project developed using HTML5, CSS3 and JavaScript, using tools like JQuery on the backend.

Link: <https://github.com/FabioPelagaggi/Memory-Game.git>

- My Portfolio: Project developed using HTML5, CSS3 and JavaScript, using tools like JQuery on the backend.

Link: <https://fabio.pelagaggi.com/>

- Social Pet: Android team project developed using agile Scrum methodology, with versioning tools like Git. The project consisted of a social network for android systems. Its development was carried out using Kotlin language and MVVM architecture. The following aspects have been implemented: Publish to Google Play app store, Security Architecture for apps, Ads and Shopping, Accessibility techniques in Android interfaces, RESTful APIs, Firebase.

Link: <https://github.com/z21GRPEDS01BDA501N1/Unify-Project.git>

Work Experiences

Internship TIM

January 2020 - Currently

I am working in the sector that manages projects that implement, update and modify technologies and services offered by the company. Therefore, it is a job that consists of monitoring many projects simultaneously. To that, it is necessary to have a lot of organization and knowledge of the company workflow. I also control the finances of the teams in the sector that I work for within the company. To perform these functions, tools like Excel, Azure, and Power BI, are used.

UFRJ / Paleontology Laboratory

June 2016 - June 2018, Ilha do Fundão, Rio de Janeiro - RJ (Brazil)

Fossil Preparation and Restoration.

UFRJ / Mineralogy Laboratory

January 2015 - June 2016, Ilha do Fundão, Rio de Janeiro - RJ

Minerals Cataloging Internship and Database Computerized System Implementation.

Creation and implementation of a computerized database system to index the UFRJ minerals collection. For that, tools like Microsoft Excel and Google Sheets, been used.

Virtua Server / Technical support

July 2013 - January 2014, Rio de Janeiro - RJ (Brazil)

Installation and maintenance of virtualized server hardware and software.
Use of systems such as Windows Server and Ubuntu.

Sales and Customer Service. Understand the needs of each customer and offer the best solution. Customers online technical support.

Other Experiences

Passenger transport and tourism in Portugal

August 2019 - March 2020, Porto. (Portugal)

Work at height, zipline, climbing and tree climbing

NR35 certificate

March 2016 - January 2019, Rio de Janeiro (Brazil)