

Pedro Henrique Da Silva Passos

Computer Scientist

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About Me

Computer Science student at University of São Paulo. I'm looking for an internship opportunity in the data area, where I can develop my technical knowledge and grow together with the company and my co-workers.

Skills

- C | C++ | Java | JavaScript | CSS | HTML | Python | R | PostgreSQL | MySQL | Power BI | Git | GitHub
- Agile Methodology | Design Patterns | UML | OCL | OOP | SRS Document
- Data Science | Teamwork | Customer Service | Proactivity | Autonomy | Collaboration | Responsibility | Communication | B1 English

Experience

Bootcamp | Python

Project Development

04/2024 - 07/2024

- Bootcamp Coding The Future Vivo - Python AI Backend Developer, offered by the DIO platform
- Topics covered
 - Object-oriented programming in Python
 - SQL database
 - Basic introduction to AI concepts (NLP, Computer Vision, Generative AI)

Voll Jr. | Empresa Junior

Project Development

04/2022 - 01/2024

- Providing data solutions
- Delivering valuable insights to clients
- Utilizing Power BI for visualization
- Exercising active communication with clients

Education

Applied Data Science with Python Specialization

Coursera - University of Michigan

Online

07/2024 - Present

- University of Michigan's partnership with Coursera

Bachelor of Computer Science

University of São Paulo

Ribeirão Preto, SP

02/2021 - Present

- Undergraduate student in Computer Science

Projects

- **PORTFOLIO:** [WebSite](#) built to showcase some of my personal projects and centralize information about my experiences in software development. Click [here!](#)
- **LABELING TEXTURES:** Use of neural networks (MLP) to extract, analyze and classify images according to their texture. Click [here!](#)
- **DATA ANALYSIS:** Case study of a wind turbine dataset and analysis of its behavior. Click [here!](#)
- **PREDICTED SURVIVORS:** Develop a model to predict Titanic passengers' survival. Click [here!](#)
- **TEMPERATURE CONVERSION:** Building a simple neural network for temperature conversion. Click [here!](#)

Others

- Repository containing implementations of some data structures (**Stack, Queue, List, ABB and AVL Tree**). Click [here!](#)
- Repository containing implementations of some sorting algorithms (**Binary Insertion, Selection, Bubble Sort and others**). Click [here!](#)
- Repository containing implementations of some of the concepts seen during the Data Science course at university. Click [here!](#)
- **Course:** [Scrum Master Certification Training](#)
- Office Package | Basic Figma | Agile Tools [Lucidchart, Kanban, Trello]
- Student volunteer on the organizing committee of the [WebMedia 2023](#) event, held in Ribeirão Preto-SP
- Participant in the organizing activities of the USP Professions Fair 2021
- Member of the organization of the 3rd edition of USP's Computing Week