Pedro Henrique Da Silva Passos

Computer Scientist

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About Me

Computer Science student at University of São Paulo, looking for an opportunity to gain experience in the job market. I'm looking for an internship opportunity in data science, 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 and NoSQL databases
  - 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!
- **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