Carlos Henrique Reis
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Education

- Bachelor's degree in Computer Science from the Federal University of Itajubá, UNIFEI, (2015-2018).
- **Final Graduation Project: Hyperparameter Optimization in Deep Neural Networks.**

Academic Experiences

- **Research scholarship recipient** from the National Council for Scientific and Technological Development - CNPQ, for two years (2015-2016/2016-2017).
- **Director of Undergraduate Studies** for the Computer Science program, Student Academic Directory of Computer Science, DAACOMP, UNIFEI.
- **Teaching assistant for the courses:** Data Structures I, Object-Oriented Programming I, and Web Systems Development.
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Professional Experiences

- **Tech Lead** at Itaú Unibanco, Remote - Brazil.

  - Main responsibilities include: Solution architecture, technical leadership, Python, JAVA, Spring Framework, Serverless Framework, AWS, Observability.

  - Leads the pricing platform team in the vehicle department, responsible for aligning clients with pricing policies, consistently providing the best rates, and preventing fraudulent activities that could harm the bank.

- **Senior Software Engineer** at Itaú Unibanco, Remote - Brazil, (2023-2023).

  - Working primarily with: Python, JAVA, Spring Framework, Serverless Framework, AWS, Observability.

  - Involved in projects related to vehicle financing, with a focus on creating shared solutions that can benefit all teams, prioritizing the reuse of common services among them.

- **Software Engineer** at Itaú Unibanco, Remote - Brazil, (2021-2023).

  - Primarily working with: JAVA, Spring Framework, Serverless Framework, AWS.

  - Involved in projects related to partnership management, creating technological solutions that facilitated integration and collaboration with external partners.

- **Software Developer at** MOVA Peer-To-Peer Lending - Investments and Financing, Itajubá, Brazil.

- ○ Working primarily with: PHP, TDD and BDD (Test-Driven and Behavior-Driven Development), Docker, and GCloud (Google Cloud) in 2020.

- **Software Developer** at Smarkio Tecnologia Ltda, Itajubá, Brazil,

  - ○ Primarily working with: Python, Watson Assistant, IBM Cloud, and DialogFlow from 2019 to 2020.

- **Junior Software Developer** at Smarkio Tecnologia Ltda, Itajubá, Brazil,

  - ○ Mainly working with: PHP, Node.js, jQuery/AJAX, Web Services, and Serverless Framework from 2018 to 2019.

- **Software Development Intern** at Tuuris.com.

  - ○ Working with: Ruby On Rails, GraphQL, Vue.js, MySQL, Docker, and Test-Driven Development (TDD) from 2017 to 2018.

Certifications

Graph Developer - Associate

Apollo GraphQL

Credential ID d6f4e00c-57a8-4d3e-aceb-1cb908007524

AWS Certified Cloud Practitioner

Amazon Web Services (AWS)

Itaú's internal certifications

Associate - Machine Learning Engineering

Itaú Unibanco – Hub D&A

Practitioner - Leadership D&A

Itaú Unibanco

Practitioner - D&A Foundation

Itaú Unibanco

Privacy Champion

Itaú Unibanco

Arquitetura de Soluções Foundation

Itaú Unibanco

Observability Metrics - Trained

Itaú Unibanco

Achievements

- Two consecutive years (2021/2022) of recognition with the PBCP (Performance-Based Compensation Program) award at Itaú Unibanco.
- Hold the role of API Owner, playing a crucial role in API management and governance, taking on responsibilities aimed at meeting Itaú's needs and ensuring strict compliance with established quality and security standards.
- Ranked first in the classification of Research Initiation Scholarships (PIBIC) by UNIFEI in 2015.
- Two publications in conferences and symposiums, as well as a software program patent.

Interests

I have a deep interest in information technology and software development, with a focus on machine learning, artificial intelligence, and team leadership. I'm passionate about innovation and creating advanced technological solutions. Additionally, I have a strong commitment to research and advancing knowledge, which is evident in my academic involvement and publications. I am constantly seeking professional improvement through certifications and skill development.

Volunteer Work Experience

Former volunteer at CATS-Curso Assistencial Theodomiro Santiago as an administrative assistant in the IT department (2014 - Philanthropic Institution).

Languages: **English Intermediate Level** (understands reasonably, speaks a bit, reads well, writes reasonably).

More about me: https://carlos-henreis.com.br/