F. MARLON SOUSA

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Brazil, São Paulo, Embu-Guaçu, 06911-785

EDUCATION

São Paulo University (USP)   *2022 - 2027*
Bachelor of Science (SB); Major: Physics, Minor: Computer Science

Faculdade de Administração e Informática Paulista (FIAP)   *2020 - 2022*
Bachelor of Science in Cyber Security

São Paulo University (USP)   *2019 - 2020*
Information Technology Certification - 9/10
Poli USP

E.E Paschoal Carlos Magno   *2018 - 2019*
High School - 9/10
Leaving Certification; Honours Concentration in Mathematics and Science

CERTIFICATIONS

Certified Penetration Testing Professional   *2021*
Qualificação Profissional em Teste de Análise de Vulnerabilidade e Invasão

Certified Threat Intelligence Professional   *2021*
Qualificação Profissional em Inteligencia e Contrainteligencia Cibernetica (Gold University Degree)

Certified Cybersecurity Professional   *2020*
FIAP Qualificação Profissional em Cybersecurity

Certified Information Security Manager   *2020*
FIAP Qualificação Profissional em Gerente de Segurança da Informação

EXPERIENCE

Information Security Consultant
F. Marlon Sousa — Freelance — 2023 - present

Conduct comprehensive cybersecurity assessments for diverse clients, identifying vulnerabilities and providing tailored security solutions.

Programmer
Full-Stack Developer at Renovaci Technologic. - 2022 - 2024

Worked as a systems programmer for 2 years, specializing in Python Django, PostgreSQL, and CI/CD (Continuous Integration/Continuous Deployment).

Passos Mágicos
Hands-On Coding Classes for Kids
Teach Programming and Algorithms using Python

Passos Mágicos
I gave a lecture at the MagaLu data lab - 2019
Volunteer at School for book donation - 2017

ACADEMIC AWARDS

1. **Gold** medal in Ceará Mathematical Olympiads

2. **1st School Place** - Astronomy Olympiads (OBA)

3. Research Published by the FIAP

4. Medal in education by Passos Mágicos

5. City Chess Champion

SKILLS

Programming Languages:
C/C++, Python, C#, Java.

Applied ML:
Matlab(basic), LaTex, Tensorflow and PyTorch.

Software Engineering:
HTML, CSS, Javascript, MongoDB, PostgreSQL, .NET and Django Framework

Languages:

English (B2 Upper Intermediate), Italian (Intermediate), Chinese (Basic), Portuguese (Fluent).

SELECTED PUBLICATIONS

1. **Marlon S.** (2021) Detecting Gender and Age with Tensorflow. - Researched and developed a model using TensorFlow for gender and age detection, exploring innovative methodologies for accurate identification and classification.

2. **Marlon S.** (2021) Artificial Intelligence Playing Super Mario. - Utilized deep learning, reinforcement learning, and TensorFlow to create an AI-driven system capable of playing Super Mario autonomously.

3. **Marlon S.** (2021) Ramanujan — Number Partitioning Deduced with Deep Learning. - Explored Ramanujan's mathematical theories through the application of deep learning techniques for number partitioning, showcasing innovative approaches to deduce and understand complex number relationships.

4. **Marlon S.** (2021) Sentiment Analysis — Natural Language Processing. - Explored sentiment analysis using natural language processing (NLP) techniques to discern, categorize, and interpret emotions expressed within textual data, highlighting the application's capabilities in understanding sentiments.

5. **Marlon S.** (2020) Applications of Computer Science in Bioengineering. - Explored the utilization of computer science methodologies and technologies in the field of bioengineering, highlighting innovative applications, advancements, and interdisciplinary solutions at the intersection of computing and bioengineering.

6. **Marlon S.** (2020) Detection of Robberies through Neural Networks. - Implemented neural networks for the identification and detection of robbery instances, showcasing an innovative approach to security and threat detection using advanced computational models.