Mateus P. da Silva

Computer Scientist Specializing in Systems Engineering

Pará de Minas, Minas Gerais
Brazil
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EXPERIENCE

Lesc/UBC, Brazil — *Computer Systems Engineering Researcher*

JAN 2020 - PRESENT

Working developing a vectorial processor as an accelerator using SystemVerilog and C++. Partnership between the Federal University of Viçosa in Brazil and the University of British Columbia in Canada.

Cinnecta, Brazil —Intern Data Scientist

JAN 2019 - DEC 2019

Worked on multiple different projects for Cinnecta as data scientist, using different technologies like Tensorflow, Docker and Anaconda. I used a lot of databases, from binary data to geographic coordinates, showing them in graphics and/or in websites.

NESPeD, Brazil— *Data Science and Machine Learning Researcher*

JAN 2019 - DEC 2019

Worked researching improvements in many different algorithms. That worked resulted in two articles: one for KDMile 2019 and the other for SBRC Spring 2019.

EDUCATION

Federal University Of Viçosa, Brazil— *Bachelor of Computer Science*

JAN 2018 - DEC 2021

Computer science is the study of processes that interact with data and that can be represented as data in the form of programs. It enables the use of algorithms to manipulate, store, and communicate digital information.

PROJECTS

MIPS Dual Core— *Patterson and Hennessy Design Based*

Full MIPS processor dual core with pipeline written in SystemVerilog based on the design from "Computer Organization and Design MIPS Edition – 5th Edition" of David Patterson John Hennessy.

SKILLS

Medalist at the Brazilian Mathematical Olympics

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Sed diam nonummy nibh euismod tincidunt.

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AWARDS

Medalist at the Brazilian Mathematical Olympics

LANGUAGES

Portuguese (native), English, Deutsch (learning)