RESUMÉ - ITAMAR ROCHA

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PERSONAL INFORMATION

Date of Birth	17 Jan 2000
Languages known	English, French, Portuguese and Spanish.
Residential address	Rua Coronel Miguel Satyro, 170 - Cabo Branco, João Pessoa - PB, Brasil, 58045110
Github	github.com/ItamarRocha
Linkedin	linkedin.com/in/itamarrocha/

EDUCATION

Bachelor in computer engineering   07/2018 - till date
Ferderal University of Paraíba (UFPB), João Pessoa - PB

Exchange - English Course   03/2018 - 06/2018
Kaplan International Languages, Covent Garden - London

EXPERIENCE

Data Scientist Intern - Armazém Paraíba [website : www.armazempb.com.br/]   07/2020 - till date
Studying and Deploying deep learning and statistical models to predict amount of sales

Software Developer Intern [website : lavid.ufpb.br/]   09/2019 - 12/2019
Developing a surveillance system at Laboratory of Digital Video (LAVID)
Tools used: C++, Apache Kafka, ZoneMinder, YOLO (for image recognition)

TOOLS AND INTERESTS

Tools	Julia, C, C++, Python, Javascript, HTML, MQL5, Pandas, Tensorflow, Numpy, Scikit-learn, Matplotlib, CPLEX, Gurobi, GLPK, SQL, Git, Linux.
Platforms	Excel, PowerPoint, Latex, Canva.
Interests	Machine Learning, Deep Learning, Reinforcement Learning, Data Analysis, Computer Vision Stock Market Analysis, Operations Research, Software Developping, Algorithms.

PROJECTS

Revisai - CEO [revisai.com]
Plataform to execute ENEM simulations (Brazilian SAT). Developed to serve more than 200 students.

Binary-Bot
Developed system of automatic trading in a binary option API (EUR/USD) using neural networks.

Bass-tab generator
Software to generate bass tabs using LSTM and data from different rock bands.

Student Allocation Problem
Implementation of Mathematically modeled problem of allocating students to advisors given some predefined constraints. This project was done in a real scenario at a school named Medway - João Pessoa (approximately 270 students).

EXTRA-CURRICULAR ACTIVITIES

President and Co-Founder TAIL - UFPB　　　　　　　　　　08/2020 - till date
TAIL (Technology and Artificial Intelligence League) is a non-profit organization that
is oriented by the ARIA LAB professors. The Academic league aim is to teach new
students, produce content and contribute to Artificial Intelligence and Data Analysis field.

Stock Market Analyst - Stock Market League (LMF - UFPB)　　01/2020 - till date
Analyzing and studying Brazilian stock market and its companies along with developing
quantitative strategies and automating systems using MQL5 , C++ and Python.

Member of ARIA - UFPB [website : aria.ci.ufpb.br/membros/]　　06/2019 - till date
Studying, developing personal projects and aiding new students in the introductory basis
of Machine Learning and Deep Learning with the supervision of UFPB Professors.

Volunteer Boolean Algebra and Logic Circuits tutor - UFPB　　02/2019 - 10/2019
The work as a volunteer was awarded a Teaching Initiation Honor. The class was one with
the lowest approbation rates (60 %) which was changed to 90% by the end of our work.