

ITAMAR ROCHA

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PERSONAL INFORMATION

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| 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

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| Bachelor in computer engineering Federal University of Paraíba (UFPB), João Pessoa - PB | 07/2018 - till date |
| Exchange - English Course Kaplan International Languages, Covent Garden - London | 03/2018 - 06/2018 |

EXPERIENCE

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| Data Scientist Intern - Armazém Paraíba [website : www.armazempb.com.br/] Studying and Deploying deep learning and statistical models to predict amount of sales | 07/2020 - till date |
| Software Developer Intern [website : lavid.ufpb.br/] Developing a surveillance system at Laboratory of Digital Video (LAVID) Tools used: C++, Apache Kafka, ZoneMinder, YOLO (for image recognition) | 09/2019 - 12/2019 |

TOOLS AND INTERESTS

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| 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.