

Guilherme Patriota

Metrics Pipeline Python Dev

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About me

Guilherme Patriota is a fast learner professional who works as Data Science Professor and Electrical Engineer with a Masters in AI in search of an opportunity to work in his areas of interest. Working as a University Professor in the Computer Engineering and Data Science courses since 2016 I know I can make the difference at your company to achieve financial goals and make the crypto world a trusted place to trade money again.

Skills

Team Work, Analytical Mind, Teaching

AWS, RDS, Linux Shell, Docker

Electronics, IoT, MQTT, Kafka

Hbase, Redis, MongoDB, Elasticsearch

Java, JavaScript, REST API, DJANGO

Python, AI, Logic, C++, R, Scala

DBA, SQL DDL, MySQL, NoSQL

Big Data, Hadoop, Spark

English, French, Portuguese

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Portfolio

 github.com/guipatriota

Interests

Data Science; Big Data; AI; Blockchains; New Technologies

Education

2013-2016	MBA in Healthcare <i>Improvements into medical equipments maintenance.</i>	FGV/Brazil
2009-2011	M.Sc. Electrical Engineer <i>AI with electronics and telecommunications.</i>	UFPR/Brazil
2002-2006	B.Sc. Electrical Engineer <i>Electronics and telecommunications.</i>	UFPR/Brazil
2004-2004	B.Sc. Electrical Engineer <i>Sandwich degree in Electrical Engineer - Electronics</i>	ENSPS/France

Experience

since 2016	University Professor <i>University Professor: Software Engineering; Computer Engineering; Data Science; Educator at AWS Academy. Projects: Cisco Academy Instructor - Advanced Python; NoSQL databases - Cypher language and neo4j graph database; NLP - Python and TF-IDF; Big Data - Hadoop with PySpark; Data structures and algorithms in Python and C++; Requirements Engineering - UML projects.</i>	FAESP and UNINTER
2018-2021	New Technologies Developer <i>Develop electronics and software in C, C++, assembly, G-Code and Python for new 3d printers and other correlated products. Manage projects knowledge database in Trello and GitHub. Manage the assembly line. 3D parametric modeling with Blender, SketchUp and Fusion360.</i>	GS3D and Boa Impressão 3D
2012-2018	Clinical Engineer. <i>Maintain and repair medical and non medical equipments. Manage Datacenter (Linux and Windows Servers) with SQL database. Maintain hospital and patients database secure and online 24/7. Manage technician and IT teams. Project manager and deployment of new health-care technologies.</i>	Several Hospitals in Brazil

Volunteer Experience

2020	Volunteer <i>Development, 3D printing and delivery of 500 face shields for donation to healthcare professionals in Curitiba during the first 6 months of the COVID-19 pandemic in Brazil.</i>	GS3D
2009-2010	Brazilian Scouts Monitor <i>Organize activities for Pioneers (young people between 15 and 17 years old) assisting them in developing their physical, spiritual, intellectual, social and affective potential.</i>	GEUJ - Grupo Escoteiro União Juventus

Complementary Studies

2020	Knowledge discovery in database and datamining. <i>UFPR/Brazil</i>	60h
2020	Data Science foundations. <i>Aldeia Coworking/Brazil</i>	32h
2020	Introduction to computer programming using python. <i>MITx</i>	9 weeks
2020	AI fundamentals. <i>Data Science Academy</i>	8h
2020	Datascience 2.0. <i>Data Science Academy</i>	8h