Guilherme Patriota

Electric Engineer

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Montréal/QC

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@ gdp.ai.data.eng@gmail.com

About me ———

Guilherme Patriota is a fast learner professional who works as IT/Data Science/AI Professor and Electrical Engineer with a Masters in Electrical Engineering with AI applyed telecommunications in search of an opportunity to work in his areas of interest. Working as a University Professor in the Software Engineering and Data Science courses at UNINTER - International University Center, in Brasil, since 2021 and as Professor in other universities since 2016.

Skills ———

Teamwork, Leadership, Analytical Mind

Eletronics, IoT, MQTT, Kafka

Logic, Linux, Docker

C++, R, Python, Pandas, Tensorflow, AI

3D Modeling, 3D Printing, Teaching

DBA, SQL, MySQL, NoSQL, AWS, RDS

Hbase, Redis, MongoDB, Elasticsearch

Java, JavaScript, REST API, DJANGO

Big Data, Hadoop, Spark, Scala

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

Portfolio ———

github.com/guipatriota

Interests

High technologies; Data Analysis; Data Science; Big Data; Teaching; AI; Blockchains; New Technologies; 3D Print; Research; Databases; Python; Agile Development; Data structures; Software Architectures; Design Patterns

Education

2021-2022 — Postgraduate Course in Teacher Training for E-Learning — UNINTER/Brazil
This postgraduate course covered a range of topics related to online pedagogy, including the use of flipped classroom techniques, use of learning management systems (LMS) and other popular distance learning techniques.

2013-2016 — MBA in Healthcare — FGV/Brazil
Improuvments into medical equipments maintenance, team leadership and healthcare services management.

2009-2011 — M.Sc. Electrical Engineer — UFPR/Brazil
AI applyed to electronics and telecommunications focused on development of a new outdoor propagation model for radio waves and GSM (3G, 4G and 5G signals - ISBN-13 9783639830842 (EAN).

2002-2006 — B.Sc. Electrical Engineer — UFPR/Brazil
Bachelor degree in electronics and telecommunications.

2004-2004 — B.Sc. Electrical Engineer — ENSPS/France
Sandwitch bachelor degree in Electrical Engineer - Electronics

Publications

2021 — Modelo de propagação outdoor para região urbana densa em Curitiba. — Book
Outdoor propagation model for dense urban region in Curitiba.
Published by Novas Edicoes Academicas
ISBN-13: 9783639830842 (EAN)

Complementary Studies

2020 — Knowledge discovery in database and datamining. — 60h
UFPR/Brazil

2020 — Data Science foundations. — 32h
Aldeia Coworking/Brazil

2020 — Introduction to computer programming using python. — 9 weeks
MITx

2020 — AI fundamentals. — 8h
Data Science Academy

2020 — Datascience 2.0. — 8h
Data Science Academy

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Portfolio —————

🐙 github.com/guipatriota

Experience

since 2016	University Professor	FAESP and UNINTER

University Professor in the Software Engineering, Computer Engineering and Data Science courses at UNINTER - International University Center in Brasil. Subjects: Systems analysis and development, Big Data, Natural Language Processing, NoSQL database, Embedded Systems, Artificial intelligence, electronics, C programming language, Python, Electromagnetism, Medical imaging, Maintenance of biomedical systems

2020-2021	New Technologies Developer	Boa Impressão 3D

Develop eletronics and software for new 3d printers and other products. Manage the assembly line.

2018-2020	3D Printer Technician.	GS3D

Build, repair and configure 3d printer and make and print 3d modeling spare parts for medical equipments and research on healthcare projects.

2017-2018	Medical Equipments Engineer	Santa Casa Hospital

Maintain and repair medical equipments and manage technician teams, building maintenance team manager and technical responsible for new medical equipment purchasing.

2015-2017	Medical Equipments Engineer	Curitiba's Red Cross Hospital

Maintain and repair medical equipments, manage technician teams, creation and manage of PMO (PMBOK Office) for internal projects like new rooms for equipments and maintenance of building structure. Building maintenance team manager.

2012-2014	Medical Equipments Engineer	Vitoria Hospital/Unitedhealth Amil

Maintain and repair medical equipments and manage technician teams and technical responsible for new medical equipment purchasing.

Volunteer Experience

2020	Volunteer	GS3D

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.

2009-2010	Brazilian Scouts Monitor	GEUJ - Grupo Escoteiro União Juventus

Organize activities for Pionneers (young people between 15 and 17 years old) assisting them in developing their physical, spiritual, intellectual, social and affective potential.

Other information

Disponibility

OWP until November 2023. Part or full time.

Languages

English, French and Portuguese.

Social

LinkedIn   linkedin.com/in/guilhermepatriota