Giovanni Forastieri

Computer Engineer

23 year old computer engineering academic, BI developer and national soccer robotics winner who have a passion for automating everything.

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Skills

Python
C / C++
JavaScript
NodeJS
SQL / NoSQL
REST APIs
Git
Snowflake
Azure
Agile

Education

Bachelor of Computer Enginering
Federal University of Technology - Paraná
2017 to present

Industrial Automation Technician
Federal Institute of Technology - Rio de Janeiro
2013 to 2016

Experience

2 **Business Intelligence Dev.**
ExxonMobil Corporation
2020 to present

1 **Embedded Systems Dev.**
Equipe Jaguar Robotics
2014 to 2016

Languages

Portuguese

English

French

Brazilian Sign Language

Projects

Volume Factor Analysis

Translating about 1TB of transactional data into actionable insights, saving $250k/year

2021. ExxonMobil

Robocup Soccer Lightweight

Designing, building and programming autonomous mobile robots to play soccer in a highly dynamic environment, tracking a special light-emitting ball in an enclosed, land-market field

2015. Equipe Jaguar

Awards

16th Place, Robocup Soccer Lightweight

Robocup Robotics Competition
2015. Hefei, China

4th Place, Robocup Soccer Lightweight

Brazilian Robotics Competition
2014. Uberlândia, Brazil

1st Place, Robocup OnStage

Robocup Robotics Competition
2014. João Pessoa, Brazil

Dear Reader
8 Jun 2021

Thanks for showing interest in me. I've been programming since 2013 when I began working with a robotics team called Equipe Jaguar, during my high school period. I have contributed with Equipe Jaguar for 2 years, designing, building and programming the robots. Together we have won multiple competitions, including the Brazilian Robotics Competition, which granted us the opportunity of competing in an internatinal competition only national winners can go, that took place in China, called RoboCup.

Currently I am a Business Intelligence Developer at ExxonMobil, one of the world's largest oil and gas company, where I work on a daily basis with people from all around the world. In my current position I lead the development and deployment of a project called Volume Factor Analysis which envolves connecting more than a terabyte of data from multiple data sources, including credit card transactions databases, APIs and web scraping, to create a Tableau dashboard that gives insights on sales and marketing between ExxonMobil and other competitor brands. This project is estimated to save the company US$250 000/year.

At university I was a teaching assistant in Programming Fundamentals and also a member of UTFPR's programming club. My passion is working with data, back-end programming and automation.

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