

DIEGO ANDRES FARIA BRITO

Engineer in Computer Science
Software Developer

PROFILE

Summa Cum Laude Graduate from the Engineering in Computer Science programme from the "Dr. Rafael Belloso Chacín" Private University with a final grade of 19.616/20. I have two years of work experience building innovative software solutions to solve business problems and using software for research and development purposes using tools such as Python, Java, JavaScript and C# and implementing basic Machine Learning models.

Mature and committed individual focused on making intelligent and robust software to meet the requirements and use the benefits of the latest advancements in technology. Constantly learning to improve and attain new skills by keeping my knowledge up to date, as I am confident that education and technology combined are the future of engineering and humanity.

WORK EXPERIENCE

Investigación y Desarrollo, C.A.

IT ENGINEER (SOFTWARE DEVELOPER) — MARACAIBO (VE)

FULL-TIME INDEFINITE CONTRACT | NOV. 2023 — PRESENT
ACADEMIC INTERN | SEP. 2023 — OCT. 2023

I am the leader of multidisciplinary teams and the main contributor to successful and innovative software projects which include from the development of a library information system to complex simulation models for plant and laboratory equipment for the Venezuelan Petrochemical Industry using Python and basic AI enhancements, being the first time self-built software is used for R+D in this context, modernising the technological infrastructure for the evaluation of resin processing in a national level.

González Martínez & Asociados

IT SUPPORT SPECIALIST — MARACAIBO (VE)

PART-TIME DEFINITE CONTRACT | JUNE 2023 — SEP. 2023

During this role I developed new skills on IT infrastructure by setting up new workstations, designing and building a network, and creating corporate emails for a new office, satisfying the company's technological needs.

Inverdata Software & Technology

PROGRAMMER — REMOTE (UNITED STATES)

FULL-TIME INDEFINITE CONTRACT | SEP 2022 — MAY 2023

This was my first job. I provided my software development knowledge to make an intelligent system for the management of sales and purchases of a company using Python, Django and PHP in order to solve the needs for tracking this information for small and medium businesses in my country by building most of the back-end and front-end requirements of the software.

CONTACT



+58 412-1273360



[DiegoEfu](#)



diegoafbrito12@gmail.com



www.diego-faria.com

SKILLS

- **Python Programming Language.**
 - **Back-end:** Django, Flask.
 - **Data Analysis:** Numpy, Pandas.
 - **Scientific computing & ML:** Thermo, Scipy, TensorFlow, Keras.
- **Other Programming Languages.**
 - **PHP:** Laravel.
 - **C#:** .NET and Unity.
 - **Java:** Spring, JSwing.
- **Problem-solving & Programming logic.**
- **Databases: Design and DBMS's.**
 - **Relational:** MySQL, PostgreSQL.
 - **Non-Relational:** MongoDB.
- **Basic knowledge on AI & ML Algorithms.**
- **Medium knowledge of Statistics and Mathematics.**
- **Constant and quick learning.**
- **Can work under pressure.**
- **Responsibility, maturity, eagerness, motivation, leadership, teamwork and commitment.**
- **Spanish C2 & English C1 Speaker.**

EDUCATION

Título de Ingeniero en Informática

Trans.: Title of Engineer in Computer Science
Universidad Privada Dr. Rafael Belloso Chacín (URBE)
Maracaibo, Venezuela | Sep. 2019 — Dec. 2023 | 4 years
Summa Cum Laude Graduate. I was recognized five times as the student with the highest grade (19.616/20) of the Faculty of Engineering, passed the final research project with 20/20, and was the chosen representative of the URBE for regional activities for academic excellence.



DIEGO ANDRES FARIA BRITO

Engineer in Computer Science
Software Developer

COURSES & MOOCS

Continuous learning and mastering new technologies are, in my opinion, the most important skills that any Engineer should have, as technology and the way in which real-world problems are tackled are constantly changing as well. The following list are online courses and MOOCs that I have taken through online learning platforms that are relevant for this application:

Meta Back-End Developer

PROFESSIONAL CERTIFICATE — META (COURSERA)

MAY 27, 2024 | 8 MONTHS

Professional certificate provided by Meta through Coursera that consisted in 9 MOOCs about back-end development using Django and web technologies. I reviewed many basic concepts of backend development and developed a final project involving APIs using the Django REST Framework for a restaurant management system web application.

Deep Learning

SPECIALIZATION — DEEPLARNING.AI & STANFORD (COURSERA)

DECEMBER 29, 2023 | 3 MONTHS

Specialization offered by DeepLearning.AI through Coursera composed of 5 MOOCs on different aspects of Deep Learning and Neural Networks. By taking this specialization I learned what the capabilities of DL can be and how to use TensorFlow and Keras to build Neural Networks (including CNNs and RNNs) in practical labs to understand how real-world problems such as machine translation, speech recognition, regressions and predictions of statistical indicators can be solved through AI.

Machine Learning

SPECIALIZATION — DEEPLARNING.AI & STANFORD (COURSERA)

APRIL 5, 2023 | 2 MONTHS

By taking this specialization I got an overview of what Machine Learning and Artificial Intelligence are and their capabilities. I understood the underlying mathematical equations, algorithms and logic that makes ML models work by putting them in practice in labs. I also learned what the different types of ML approaches are depending on the problem: supervised learning, unsupervised learning, recommender systems and reinforcement learning.

Game Design and Development with

Unity 2020

SPECIALIZATION — MICHIGAN STATE UNIVERSITY (COURSERA)

I took this specialization to learn Unity both for its capabilities to develop videogames and how to use it as a simulation tool. By taking this specialization I understood how 2D and 3D videogames work and how to write C# scripts. This specialization involved making a personal final project which in my case was a maze generation videogame.

HOBBIES

- **Playing chess.**
- **Competitive Programming.**
- **Reading literature.**
- **Videogames.**
- **Learning languages.**
- **Sharing my knowledge with coworkers and peers.**
- **Building personal software projects.**

AWARDS

Botón Mérito a la Juventud del Zulia

Trans.: Button Merit to the Youth of Zulia

Legislative Council of the Zulia State

Maracaibo, Venezuela | February 16th, 2023

I was chosen by the URBE in 2023 to receive this award that is given to the most prominent youths in the Zulia State by the President of the Legislative Council of the Zulia State due to my academic excellence and achievements. Only 12 of these buttons were given to young future Zulian leaders.

LANGUAGES

Spanish

Native / C2

English

Fluent / C1

French

Intermediate / B1

