

DATA SCIENTIST – ENGINEER – DEVELOPER

I am a competent physics engineer, with a profound passion for learning, programming, and science. I am committed to delivering high-quality services through the continuous development of my data science and data analysis skills. I am ambitious and capable of working both independently and as part of a team. My skill set includes proficiency in office technology and advanced computational capabilities.

WORK EXPERIENCE

IN-HOUSE IN BEDU

February 2021 - August [Mérida, Yucatán] [Education]

I extract and analyze the essential skills outlined in job postings by utilizing LinkedIn web scraping and Python processing while working remotely from home office.

RESPONSIBILITIES

- Web scraping data of job postings from Linked-In by using Selenium in Python.
- Post the saved job postings to EMSI (Nowadays Lightcast) Skills API.
- Get meaningful graphs of the responses from the API.

KEY ACCOMPLISHMENTS

- Enhanced the automation process for skill extraction, reducing the average time required by 5%, from twenty minutes to nineteen, by minimizing the time spent on failed extractions.
- Optimized the graph generation process by automating web scraping and seamlessly integrating it into graph creation.
- Enhanced code comprehension by meticulously documenting and refactoring the previous two scripts, dividing them into six logically structured documents.

DATA ANALYST INTERN IN AP LATAM

February 2023 - October [Mérida, Yucatán] [Education]

I lead the project where I extracted and analyzed the essential skills outlined in job postings. I utilized OCC Mundial web scraping and Python processing while working remotely from my home office.

RESPONSIBILITIES

- Web scraping data of job postings from OCC by using Requests in Python.
- Get meaningful graphs of the responses from the API.
- Work as a team to document and package the project.

KEY ACCOMPLISHMENTS

- Implemented new statistics within the company to streamline decision-making and reduce market research time by more than 50%.
- Successfully executed the organization's inaugural project on the Apache Airflow platform.
- Thoroughly documented all code in various files to ensure long-term maintainability and scalability.
- Developed a versatile codebase capable of easily incorporating additional job posting sources for web scraping, enabling seamless expansion of operations.

SKILLS

- | | | | |
|-------------------|--|----------------------------|-----------------------|
| • Data Analysis | • Python [Pandas, NumPy, Scikit-learn] | • C++ [Basics] | • Creativity |
| • Problem Solving | • Machine Learning | • Innovation | • Selenium (Software) |
| • Automation | • Git and GitHub | • Excel, Power Point, Word | • Java |
| • API usage | • SQL | • Research | • OpenCV |
| | | | • Teamwork |

EDUCATION

ENGINEERING PHYSICS AT FACULTY OF ENGINEERING OF THE UNIVERSIDAD AUTÓNOMA DE YUCATÁN

August 2016 – May 2023 [Mérida, Yucatán]

I participated in a Texas A&M University and UADY cultural exchange event with native English speakers. I focused on taking data science, computing and machine learning electives, especially deep learning for images.

CERTIFICATES

MODERN CLOUD ENGINEERING

By Accenture México · Issued: dec. 2022

I developed a web application with Java in a team of 3 people.

AWS CLOUD PRACTITIONER ESSENTIALS

By Amazon Web Services (AWS) · Issued: sept. 2022

I learned the basic services that AWS offers and how they work.

LANGUAGES

ENGLISH (B2)

I can read, write, listen, speak in English, and communicate my ideas without inconvenience. I clarify any doubts in the conversation.

SPANISH (NATIVE)

My native language and I can speak it perfectly.

HOBBIES

Different activities. I spend my free time, consuming outreach, and educational material mostly English, playing the guitar, drawing, and playing video games.