

Abner Astete Hernández

STUDENT · COMPUTER ENGINEERING

Santiago|Concepción

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About Me

Computer Engineering student currently doing an exchange program at INSA Lyon-France. Passionate about data and making decisions based on it. Methodical, organized and adaptable to different situations, passion for learning, proactive, honest and responsible. Easy to work in a group while maintaining a good atmosphere, learn from my colleagues and support them if I have the opportunity. Strongly oriented to data analysis, data science and data engineering.

Experience

Course: Fundamentals of Data Engineering

Lyon, France

UNIVERSITY PROJECT, STUDENT

September 2023 - January 2023

- Designed and developed an ETL pipeline using Apache Airflow to orchestrate data flow, from extracting hiking trail information from different sources to transforming and loading it into databases such as MongoDB and Neo4j. The main objective of this project was to obtain similarities in hiking routes. Implement advanced natural language processing (NLP) techniques to extract relevant features about hiking and subsequently input them as entities into Neo4j, which was designed for relationship representation and navigation, allowing us to discover patterns and connections between hikes.

Universidad Técnica Federico Santa María

Concepción, Chile

TEACHING ASSISTANT, DATA SCIENCE

April 2023 - August 2023

- In charge of assisting the main teacher, giving support to the students in different areas of the course.

ScotiaBank

Santiago, Chile

INTERN - DATA ANALYTICS

January 2023 - February 2023

- Collaborated with the Customer Experience team, focused on understanding customer feedback and determining which products were affected. I developed an Exploratory Data Analysis (EDA) to delve deeper into the customer interaction flow and identify the communication channels that have the greatest satisfaction among customers and those that do not. In addition, perform data cleaning and transformation, applying Natural Language Processing (NLP) techniques to identify similar problems between different clients. To later group these problems into labels.

Labitec

Valparaíso, Chile

WEB DEVELOPER

January 2022 - February 2022

- Management of the Laravel framework and complementary technologies such as javascript, ajax, jquery. Use of agile methodologies (SCRUM) with jira, git repository for version control.

Education

Institut national des sciences appliquées de Lyon (INSA Lyon)

Lyon, France

COMPUTER ENGINEERING - ORIENTED IN DATA ENGINEERING

2023 - Actuality

Universidad Técnica Federico Santa María

Concepción, Chile

COMPUTER ENGINEERING

2020 - Actuality

Skills

Programming languages

Python, Java.

DataBase

PostgreSQL, MongoDB, Graph Databases (Neo4J), Redis.

Technologies

Apache Airflow, Docker, Pandas, Jupyter Notebook, scikit-learn, Git, Trello, PowerBI, HTML5, CSS3.

Frameworks

Django, FastApi.

Languages

Spanish Native.

English Medium level.

French Basic level.