Petrula Diana-Maria

Home : Romania

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Gender: Female   **Date of birth:** 10/09/2000   **Nationality:** Romanian

ABOUT ME

Currently a first year at the Faculty of Mathematics and Computer Science. I am an enthusiastic and hard working individual eager to learn and grow professionally.

WORK EXPERIENCE

[05/09/2022 – 30/09/2023]

Working Student - Financial Controlling

Bosch Engineering Center

City: Cluj-Napoca | **Country:** Romania

- manual billing
- billing related reports

EDUCATION AND TRAINING

[01/10/2023 – Current]

Bachelor's Degree

Babeș-Bolyai University - Faculty of Mathematics and Computer Science

City: Cluj-Napoca | **Country:** Romania | **Field(s) of study:** Computer Science

[2019 – Current]

Bachelor's degree

Babeș-Bolyai University - Faculty of Economics and Business Administration
https://econ.ubbcluj.ro/

Country: Romania | **Field(s) of study:** Business Information Systems

[2015 – 2019]

Baccalaureate diploma

High School - Colegiul Național „Andrei Mureșanu"

City: Dej | **Country:** Romania | **Field(s) of study:** Mathematics-Informatics

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

NoSQL (basic) | Basic PL/SQL Knowledge | Microsoft Office: proficient user of Word, Excel and Powerpoint | HTML CSS PHP | Python Language - Basic knowledge

Other skills

Analytical skills | Attention to Details | creativity and planning | responsible | Motivated and ambitious | Critical Thinking | Can work in team or individually

DRIVING LICENCE

Cars: B   11/04/2019 – 11/04/2029

PROJECTS

[2021]   **PL/SQL Project**

Database Used: Oracle

Description: In this project:
- I had to create a magazine company that was selling different types of products. The company had its own selling platform with employees and a reservation system for the customers.
- I made the mapping tables for each section: (products, reservations, customers, employees and sales) and a database normalization in order to reduce data redundancy and improve data integrity.
- I created the tables in the Oracle database and inserted the data into them for each section mentioned above. I also created a few queries based of the tables.

Results: It successfully delivered the output and I managed to learn the basics of PL/SQL.

[2022]   **NoSQL Project**

Program used: MongoDB

Description: In this project:
- I created a publications company which sells different products to a large number of clients.
- I created tables for 3 sections (clients, employees and products) and inserted data into them.
- I had to use different operations such as delete, update and insert.
- I created a simple and complex index and also a few queries.

Results: The project successfully delivered the output and it was a great way to introduce me to the NoSQL databases.

[2022] **Grupa 477 CAEN Analysis**

Programs used: Tableu Prep & Tableu Desktop

Description: This project is a business analysis of the CAEN 477 group. My classmate and I analised what type of business is the most profitable in Dej city. We cleaned the data and used certain filters and marks to find out which business has the highest fiscal value and also the average profit of the businesses.

Results: We came to the conclusion that pharmacies and clothing stores are the most profitable businesses in Dej city and this analysis has helped us strenghten our analytical skills and teamwork.

[2022 – Current] **Online Bookstore**

Technologies Used: HTML, PHP, CSS, Javascript

Description: This is a project I'm currently working on. It's an e-commerce site that sells mostly books and manga. Up until the present, I managed to work only on the design, but it will have a database, a cart and a billing system.

[2023] **Python University Labs**

During my weekly labs, I developed various applications to meet diverse requirements, including those for a bookstore and a real estate agency. These applications featured console interfaces and included key functionalities such as CRUD (Create, Read, Update, Delete) operations, sorting, filtering, data validation.

Link: https://github.com/dianaa101/FP

HOBBIES AND INTERESTS

Hobbies

- Digital art
- Biking
- Reading
- Watching TV shows/movies/documentaries
- Playing video games