KAYIJUKA JOSEPH

Big Data Python developer

I am a computer science student with aspirations of becoming a Big Data Analyst . Currently, I am focusing on developing my skills in Python and Java.

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EDUCATION

Bsc computer science and econometrics
University of Zielona Góra

10/2023 - Present   *Zielona Góra, Poland*

Courses

- Data Structures and Algorithms.
- Database Management Systems (**SQL**, Relational Database Concepts).
- Networking (OSI Model, TCP/IP, HTTP/HTTPS).
- Object-Oriented Programming (**OOP**).

PERSONAL PROJECTS

Personal Expense Tracker (Python) (10/2023 - 12/2023)
- The project is an **Expense Tracker** application developed in Python. Using **CSV** and Python's built-in modules like datetime , the application allows users to manage personal finances by adding, viewing, and summarizing expenses.

Statistical Analysis of a COVID-19 Dataset Using Python (04/2024 - 06/2024)
- The project conducts statistical analysis on the COVID-19 dataset. Using **Pandas** and **NumPy**, the project processes and analyzes large-scale data to identify trends in case counts, fatalities, and recovery rates globally and regionally. Data visualization is done using Matplotlib and Seaborn to present insights effectively.

Student Management System(Java) (11/2024 - Present)
- **Technologies:** Java, File I/O, Collections (ArrayList)Developed a Java application to manage student records. The application supports adding, listing, saving, and loading student information using file operations. It implements OOP principles and collections for efficient data handling.

Github ⬈

WORK EXPERIENCE

Content Marketing and Sales Intern
WhitePress

01/2024 - 04/2024   *Bielsko-Biała, Poland*

Achievements/Tasks

- **Supported international SEO and Content Marketing teams** by effectively coordinating campaigns, resulting in a 25% increase in organic traffic".
- **Mastered and utilized CRM systems** to streamline client and publisher data management, improving efficiency in communication and follow-ups.
- **Created high-quality content and delivered accurate translations** , enhancing brand messaging consistency across international markets.

SKILLS

Programming Languages: Proficient: Python (Core, Pandas, NumPy), Java OOPs Familiar: Scala, SQL

Big Data Tools and Frameworks: Pandas, Spark

IDEs: PyCharm, Eclipse

Version Control: Git

Software Development Principles: Unit Testing, Integration Testing, Functional Testing

Soft Skills:

Problem-Solving and Analytical Thinking

Ability to Work with Technical Documentation (English Proficiency)

ACHIEVEMENTS

Developed a fully functional Expense Tracker application in Python, utilizing file handling, data analysis, and interactive user interfaces to manage finances efficiently.

ORGANIZATIONS

Dev & Games Science Club(University Student Club)
Active member of the Dev & Games Science Club at Zielona Góra University, honing programming and game design skills with Unity and C#.

CERTIFICATES

Python for Data Science, AI & Development (12/2023 - Present) ⬈

Oracle Database Foundations (12/2023 - Present) ⬈

Programming Foundations with JavaScript, HTML and CSS (12/2023 - Present) ⬈

C# for .NET Developers (12/2023 - Present) ⬈

Google Cloud Fundamentals (12/2023 - Present) ⬈

LANGUAGES

English
Full Professional Proficiency

French
Full Professional Proficiency

Turkish
Full Professional Proficiency