

Georgio Ghnatos

Data Engineer

In this captivating moment, the essence of tranquility and serenity is beautifully encapsulated. The scene unfolds in a lush, verdant setting where the gentle whispers of nature resonate. Sunlight dapples through the leaves, casting a werwerwrwerwerwrwer



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EDUCATION

Bachelor's of Computer Science - Lebanese American University, Byblos, Lebanon

September 2021 - May 2024

Minor in Business Data Analytics - Lebanese American University, Byblos, Lebanon

September 2021 - May 2024

PROFESSIONAL EXPERIENCE

Data Engineer - Murex, Beirut, Lebanon

June 2023 - Present

- Employed agile methodology throughout the product lifecycle.
- Developed MxDataCare, a data quality monitoring engine for the IS department's data warehouse.
- Collaborated in team meetings to discuss issues and solutions.
- Developed, managed and optimized data pipelines and dashboards.

Foundations of Computer Science Instructor - SE Factory, Beirut, Lebanon

February 2023 - Present

- Taught Foundations of Computer Science to diverse groups of over 50 students, aged 18 and above, from various backgrounds.
- Began course with introductory Python programming, progressively moving to advanced topics in algorithms and data structures.
- Tailored teaching methods to accommodate a variety of learning styles, ensuring all students could grasp complex concepts effectively.
- Developed and implemented custom assignments and projects from scratch, designed to challenge students and cater to their specific learning needs.
- Graded exams and assignments, providing comprehensive feedback to support student learning and development.

Volunteer -Lebanese Red Cross Youth Sector, Byblos, Lebanon

February 2020 - Present

- Organized and participated in many activities related to the youth and health, environment and human values and principles, while taking training related to them.
- Took the GTC and ATC course: I was selected with a few other volunteers around of Lebanon to take the general and applied trainer course that made me a trainer in the Lebanese Red Cross.
- Facilitator in the youth and health program that target the youth of Lebanon of focuses on the prevention of any dangerous behavior on the youth and awareness around STDs and drugs.

Lab Assistant, Tutor, Student Ambassador - Lebanese American University, Byblos, Lebanon

May 2022 - May 2023

- Tutored Data & Abstraction course for first year students.
- Assisted by helping and guiding students in the Data & Abstraction and Introduction to Object Oriented Programming course lab.
- Assisted Students with the recruitment office to facilitate and help students with their applications

Training and Educational Development Secretariat Member - GC LAU Model United Nations, Lebanon

September 2022 - March 2023

- Trained delegates in the flow of debate and rules of procedure.
- Instructed delegates in public speaking techniques, both physical and verbal.
- Served as the Director for both the mock and final conferences.

Coding Instructor - Geek Express, Beirut, Lebanon

August 2022 - March 2022

- Taught Python coding to kids, focusing on fundamental programming concepts.
- Instructed children in basic web development, covering HTML and CSS.
- Created a dynamic and engaging learning environment for young learners.

KEY SKILLS

- Programming & Scripting Languages // Python, R, SQL, Java, C, PHP, TypeScript, HTML, CSS, JavaScript, Qlik Script, Markdown.
- Database Management Systems // Oracle, MySQL, SQLite, PostgreSQL.
- Frameworks & Libraries // Pandas, Matplotlib, NumPy, Seaborn, Scikit-learn, TensorFlow/PyTorch, Flask, Laravel, Ionic.
- Tools & Cloud Services // Anaconda, Jupyter Notebook, Talend, QlikSense, PowerBI, Tableau, Git/GitHub, VS Code, Figma.
- Theory // Algorithms & Data Structures, Regular Expressions, Query Optimization, ETL Processing, Data Flow & Pipelines, Data Science & Analysis, Data Visualization, Machine Learning, Linear Algebra, Natural Language Processing.
- Soft Skills // Leadership, Public Speaking, Detail-Oriented, Training & Development, Teaching, Communication.

CERTIFICATES

Data Analyst with Python - Datacamp

January 2023

- Successfully completed a comprehensive Data Analysis with Python certificate program, gaining in-depth knowledge of data manipulation, analysis, and visualization techniques using Python.
- Acquired skills in using Python libraries like Pandas, NumPy, and Matplotlib, enabling proficient handling of large datasets and the creation of insightful data visualizations.

[Credentials](#)

LANGUAGES & HOBBIES

- Arabic (Native); English (Native); French (Intermediate); German (Beginner).
- Piano (10 years); Oud (5 years).