Yorgo Assal

Data Engineer and Software

I'm a motivated Data Engineer with hands-on experience in data pipelines, full-stack development, and cloud platforms like AWS and Azure. Currently studying Computer Engineering at LAU, I've worked on real-world projects using Palantir Foundry, Pyspark, ReactJS, and Firebase. I enjoy solving complex problems, building practical solutions, and contributing to team-driven innovation across data and software systems.

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EDUCATION

BE in Computer Engineering
Lebanese American University - Byblos

09/2021 - Present   *GPA: 3.42*

WORK EXPERIENCE

Fullstack and Data Analyst intern
Ignizia.ai

01/2025 - 07/2025

Ignizia.ai is an AI-driven company focused on augmenting human intelligence through advanced machine collaboration. It leverages AI as a cognitive force multiplier to unlock creativity, enhance decision-making, and drive the future of human-centric automation.

Achievements/Tasks

- Worked on market research and analysis that provided insights on the competition and manufacturing market needs in upskilling.
- Helped in research and development of the needed tools to build a prototype.
- Helped in building the cloud infrastructure in Azure
- Deployed and worked with NIMs and Omniverse
- Developed a landing page for the website using ReactJS

Data Engineering Intern
inmind.ai

07/2024 - 08/2024   *Beirut, Lebanon*

Achievements/Tasks

- Received training in Palantir Foundry and AWS•
- Implemented NHTSA datasets into a comprehensive dashboard

Computer Repair Technician
ACE Computers SARL

06/2019 - 07/2024   *Batroun, Lebanon*

Achievements/Tasks

- Diagnosed and fixed problems related to PCs, printers and game consoles.
- Provided assistance for clients in troubleshooting.•
- Assisted in sales.

Tutoring
Lebanese American University- Byblos

02/2022 - 05/2024   *Byblos, Lebanon*

Achievements/Tasks

- Tutored the Electrical Circuits class
- Tutored second and third year engineering students

SKILLS

Python 3.0   Java   SQL   Palantir Foundry

AWS   Pandas   ReactJS   Azure

PROJECTS

NHTSA Dashboard (08/2024 - 09/2024)
- Dashboard showing complaints, recalls and investigations of the NHTSA in addition to vehicle information and EV stations
- Acquired extensive knowledge on data engineering and visualization
- Used Palantir Foundry Slate and Workshop, with Pyspark

Car Me-t (11/2023 - 12/2023)
- Car marketplace and social app •
- Tackled the problem of finding the right car or the right car part
- Developed using Java, JavaFX and MySQL

AxoCart (02/2024 - 05/2024)
- E-commerce website with a chatting system
- Developped using ReactJS and Firebase
- Acquired experience on webapp development

EXTRACURRICULARS

AWS Club- LAU
Media Team

GDG Club- LAU
Media Team

IEEE Member
Member ID: 100006422

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Native or Bilingual Proficiency

French
Native or Bilingual Proficiency

German
Elementary Proficiency