Christelle Khoury

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EDUCATION

American University of Beirut   Beirut, Lebanon
Master of Science in Business Analytics   August 2024 - August 2025
- **Graduated with Distinction (cumulative GPA: 4.0/4.0),** Graduate Fellowship and Assistantship, and Beta Gamma Sigma Honor Society Membership

Notre Dame University-Louaize   Beirut, Lebanon
Bachelor of Engineering in Computer and Communication Engineering   August 2018 - May 2023
- **Graduated with Distinction (cumulative GPA: 3.93/4.0),** Dean's Honor List, and Summa Cum Laude

EXPERIENCE

OCO Global   Dubai, United Arab Emirates
Business Analyst Intern   June 2025 – Present
- Built a predictive analytics framework combining econometric and machine learning models to forecast FDI inflows, integrating macroeconomic and sectoral datasets.
- Designed composite indicators and scenario-based dashboards to benchmark country competitiveness and support evidence-driven investment policy.

SULIMAN S. OLAYAN SCHOOL OF BUSINESS AT AUB   Beirut, Lebanon
Graduate Assistant   August 2024 – August 2025
- Contributed to research and coursework on managerial decision making systems by performing data-driven modeling, running simulation experiments, and summarizing results for research reports and instructional material.
- Responded to emails in the Graduate Admissions Office Mailflow, addressing inquiries from prospective students about graduate programs.

Multilane   Beirut, Lebanon
Junior Application Engineer   November 2023 – February 2024
- Designed and implemented robust API wrappers and automated test software, enhancing the efficiency and reliability of high-speed I/O testing processes.
- Provided hands-on technical support to clients, successfully streamlining API integration for multilane instruments and interconnects, reducing troubleshooting time and improving customer satisfaction.

Exquitech   Beirut, Lebanon
Technical-Functional ERP Consultant Intern   July 2023 – August 2023
- Contributed to the development and customization of Microsoft Dynamics 365 solutions, improving system functionality and client-specific adaptability.
- Collaborated with senior consultants to design and code technical components, including a streamlined wizard for seamless "Company" creation, which accelerated setup time and improved user experience.

Skills

- **Academic Projects: Accent Recognition** (Machine Learning) — Developed a speech-based accent recognition model by extracting audio features and training classifiers to distinguish between different English accents. **Netflix Content Strategy** (Data Processing & Analytics) — Cleaned and structured a large movie dataset, applied SQL and EDA to uncover profitability trends, and delivered strategic content recommendations. **Lane Lines Detection** using Pytorch.

- **Technical Expertise**: Proficient in Python, SQL, R, C++, C#, MATLAB; *data management* (MongoDB, Neo4j, *Databricks*, Apache Spark, SQL databases); *cloud* (Google Cloud – BigQuery, Cloud Storage, Dataproc); *visualization & BI* (Tableau, Power BI, Matplotlib, Seaborn, Plotly); *data modeling* (StarUML, Visio); and *Microsoft Office Suite*.

Languages: Arabic (Native), English (Fluent), French (Fluent), Italian (Beginner)