Abed Elhadi Bsat

Beirut, Lebanon | LinkedIn | +961-81718856 | abedmbsat@gmail.com | US Citizen | Willing to relocate

WORK EXPERIENCE

American University of Beirut **Beirut, Lebanon**
Graduate Research & Teaching Assistant (Data Analyst) *September 2023 - August 2025*
- Contributed to 18% average grade improvement by grading 200+ assignments/quizzes in Excel/Moodle; provided feedback under Dr. Salamoun & Dr. Geutcherian
- Streamlined in-class examples for 150+ students by collecting, organizing, and validating 20+ case-study datasets using structured folders and SQL exports
- Cut faculty prep time by 20% by creating 10+ PowerPoint slides and visualizations in Tableau & Power BI for weekly lecture case examples

Asfari Institute for Civil Society and Citizenship **Beirut, Lebanon**
Research Analyst Intern *May 2022 - September 2022*
- Supported thematic analysis of 50+ policy reports on refugee and migration issues; summarized findings into 6 briefing memos adopted by senior researchers
- Mapped 75+ civil society organizations in Lebanon and Syria using interviews and public data; built interactive Tableau dashboard to visualize networks and trends for the annual report
- Supported media monitoring by reviewing 200+ Arabic/English news articles and social media posts across 5 policy themes; contributed insights to 2 internal governance memos

United Nations Economic and Social Commission for Western Asia (UN-ESCWA) **Beirut, Lebanon**
Economic Affairs Intern *May 2021 - September 2021*
- Conducted desk research on gender justice and labor migration across 15 MENA countries; reviewed 50+ academic papers and policy reports to refine 3 research questions for cluster studies
- Prepared 12 presentation slides and 2 briefing notes for expert group meetings on inclusive development, supporting discussions with 15+ policymakers and NGOs
- Contributed to 4 ESCWA publications by drafting background sections and technical inputs on gender wage gaps, cited in the 2021 regional report

LEADERSHIP EXPERIENCE

AUB Automotive Club **Beirut, Lebanon**
Vice President *January 2021 - December 2024*
- Co-led 150-member club; grew membership 35% by designing targeted recruitment campaigns and securing sponsorships for alumni, boosting club's revenue by 20%
- Reinitiated NXP Cup team collaboration with Dr. Naseem Daher; recruited and mentored 12 engineering students, advancing to regional finals with autonomous vehicle prototype that won in local NXP Cup competition at Beirut Digital District (BDD)
- Spearheaded "Women in Motorsports" initiative; orchestrated 2 high-impact info sessions with Lebanese Formula 1 engineers at Mercedes-AMG and Oracle Red Bull Powertrains, followed by a keynote speech on engine components and power cycles with MSFEA Dean Alan Shihadeh

EDUCATION

American University of Beirut **Beirut, Lebanon**
MSc Business Analytics *August 2025*
- Graduate Assistant; GPA: 3.6/4.0; **Coursework:** Machine Learning, Predictive Analytics, Data Visualization, Healthcare Analytics, Data Processing
- **Projects**: **Sentiment Analysis**: Fine-tuned BERT and XGBoost models in Python on 50K+ reviews; achieved 96% precision and 98% recall for positive sentiment using tokenization and class weighting; **Movie Revenue Prediction & Data Processing**: Built 7-table MySQL database from 5K+ TMDB records via SQLAlchemy; trained Random Forest model to predict revenue success with 82% accuracy

American University of Beirut **Beirut, Lebanon**
BA Economics, *Minor in Political Science* *December 2022*
- **GPA:** 80/100; **Vice President**, AUB Automotive Club; **Coursework:** Econometrics, Economics of Financial Markets, Industrial Organization

SKILLS

Python (pandas, scikit-learn, NumPy); **R** (tidyverse, ggplot2); **Stata** (regression); **SQL**; **Power BI** ; **Tableau**; **Microsoft Office** (Word, Excel, Powerpoint); Languages: **Arabic** (Native); **English** (Fluent); **French** (Intermediate)