

Michel Semaan

CONTACT

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WORK EXPERIENCE

Great Learning

Jun 2019 — Present

Mentor

- Mentoring students in the PG Program in **Data Science and Business Analytics** course, giving weekly sessions covering course material and live coding exercises

DataCamp

Oct 2018 — Present

Course Instructor

- Developed the **Analyzing Business Data in SQL** course, released in May 2019, which currently enjoys ~4K participants and an average rating of ~4.5
- Co-developing the **PostgreSQL Summary Stats & Window Functions** course

Mirum Agency

Jun 2018 — May 2019

Data Scientist

- Modeled loan applicants' creditworthiness based on traditional (financial) and alternative (psychometric, social media) data, decreasing delinquency by ~14%, increasing approvals by 5%, and saving hundreds of man-hours
- Quantified the effects of various factors (number of rooms, area, etc.) on housing prices and created a housing market index reflecting the state of the real estate market

Anghami

Apr 2017 — May 2018

Data Scientist

- First data scientist for a music streaming platform serving ~80M users, with +21M active users and +1M paying users
- Mined insights from user behavior that lead to an 8-week increase in mean time to churn
- Created dashboards and automated reports for internal departments, external business partners, and investors

Bookwitty

Aug 2015 — May 2016

Junior Big Data Engineer

- Automated data ingestion and ETL of ~27M books
- Augmented internal data by scripting bots to scrape popular online book-related websites (Wikipedia, Amazon, Goodreads, etc.)
- Wrote an API that served optimal book prices for consumers in < 100µs

EDUCATION

BSc with Honors in Computer Science

Sep 2012 — May 2016

Lebanese American University

AWARDS AND CERTIFICATES

- 2018, **Deep Learning Certificate**, Coursera
- 2011, **First Place Award**, Computer Science Summer Institute @ Lebanese American University
- 2010, **Diplomacy Award**, GC AL-WALID LAU Model UN (finalist; top < 2% of 1K+ participants)

SKILLS

Python, R, SQL (PostgreSQL, Amazon Redshift), Bash, Git, Metabase, Looker