

Bashar Ghanem

+961 76 085701 – brghanem@ndu.edu.lb – El-Shouf, Lebanon

LinkedIn URL: <https://www.linkedin.com/in/bashar-ghanem-2b441319a/>

EDUCATION

Notre Dame University (NDU)

Deir El Qamar, Lebanon | Sep. 2018 – May 2023

Bachelor of Engineering (BE) in Computer and Communications Engineering

Cumulative GPA: 3.95/4.0 – Deans Honor List since first semester – Scholarship Student

Batloun Official Secondary School

Batloun, Lebanon | Sep. 2015 – June 2018

Lebanese Baccalaureate in General Sciences: **18.14/20**

WORK EXPERIENCE

Beirut AI – Data Scientist Trainee

Beirut, Lebanon | Feb. 2022 – Present

- Learn about data manipulation, preprocessing, and visualization using Python
- Implement the theoretical concepts by writing code and solving Projects on Datacamp

Digital Opportunity Trust (DOT) – Intern

Jal El Dib, Lebanon | Nov. 2021 – Feb. 2022

- Helped in the development of digitized and gamified content on Moodle LMS
- Developed Social Media Marketing Study Guides in Both English and Arabic

Librarian at Copy Nation Library

Baakleen, Lebanon | June 2019 – Aug. 2019

- Scanned & photocopied documents – Prepared projects on Microsoft Word
- Tutored university courses (C++, Python, Circuit Analysis, Signals, Communications, and Electronics)

SKILLS & CERTIFICATIONS

- **Python:** Silver badge on **Hackerrank** – “Getting Started with Python for Data Science” course with **Zaka AI** that explored Numpy, Pandas, and Matplotlib libraries – **Kaggle** Pandas Certification
- **SQL:** Gold badge on **Hackerrank** – Built a database project using Oracle DBMS to record sales
- **Machine Learning and AI:** Completed the “Introduction to AI” course with **Zaka AI** that covered hands-on exercises about: Deep Learning, Computer Vision, NLP, and Time Series Analysis and Prediction
- **Data Mining:** Data Cleaning – Normalization – Data Discretization – Proximity Measures – Correlation Analysis – PCA – Clustering – Association – Implementation on **Weka 3** Machine Learning Software
- **Communications:** Completed a detailed project about Satellites connections – Performed simulation using **Matlab and Simulink** to implement and analyze modulation schemes (ASK, PSK, FSK, QAM, etc.)
- **Entrepreneurship:** Completed the leadership workshop conducted by **180 Degrees Consulting**/ completed the “Huawei Seeds for the Future” program/ took courses in Management and Marketing
- **Languages:** English (Full Professional Proficiency) – Arabic (Native Proficiency) – German (Beginner)
- **Others:** C++ – Linux – HTML – CSS – Flowcode – PSpice – Microsoft Word – Power Point – Excel

EXTRACURRICULAR ACTIVITIES

Secretary of the Engineering Club

Deir El Qamar, Lebanon | Nov. 2021 – Present

- Conduct and manage meetings
- Communicate with sponsors and prepare reports

Treasurer and Event Organizer of the Engineering Club

Deir El Qamar, Lebanon | Oct. 2019 – Oct. 2021

- Supporting the club in organizing funding events and distribution of funds
- Supervising various university activities including seminars, webinars, and open doors