

Fadel ZIBARA

Software Engineer

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SUMMARY

As a software engineer, highly motivated computer scientist graduate with extensive experience as a Software Engineer and Data Scientist. Proficient in C/C++, Python, MATLAB, and SQL, with a strong command of Git for version control. Adept at creating impactful Data Visualizations using tools such as Tableau, Power BI, and Python libraries. Demonstrated proficiency in MS Office, various CAD software, and operating systems such as Windows, Linux, and MAC OS. With a deep passion for continuous learning and a keen interest in Artificial Intelligence, IoT and emerging tech.

Always seeking new challenges and opportunities to apply my knowledge and expertise to innovative projects.

EDUCATION

Lebanese University – Faculty of Sciences Bachelor of Science in Computer Science

2019 - 2022

- Google Developer Student Club (Member, since 2022)
- IEEE (Member, since 2020)

High School Diploma : 14.7/20

2019

EXPERIENCE

Turing.com - Lebanon

Data Scientist

Nov 2021 – Jun 2023

Freelancing/Remote

- Data Visualization: Create compelling data visualizations and dashboards using tools such as Tableau, Power BI, or Python libraries to communicate findings effectively to both technical and non-technical stakeholders.
- Statistical Modeling: Develop and apply statistical models and machine learning algorithms to solve complex business problems and make data-driven decisions.
- Collect, clean, and preprocess datasets from various sources, ensuring data accuracy, completeness, and integrity.
- Working with relational databases and database management systems (DBMS) like SQL Server.

UNDP - Lebanon

Software Engineer

Feb 2021 – Aug 2021

Internship

- Working with Python and related frameworks like Django.
- Maintaining, testing and debugging the entire backend of a system.
- Web Application Development: Collaborating with frontend developers and other team members to develop.

McDonald's - Lebanon

Crew Member

Jul 2018 – Sep 2019

Full Time Job

- Greeting guests, taking orders and processing payments.
- Responsibility and Work Ethic: handle multiple responsibilities simultaneously.
- Customer-Centric Approach.

SKILLS

- **Programming:** C/C++ , Python , Matlab , SQL .
- **Libraries:** Python (Pandas, Numpy, Matplotlib, Scikit-Learn, Tensorflow) .
- **CAD:** Autocad Electrical , Pspice , Mplab , Proteus .
- **Soft :** Eager to Learn, Critical Thinking and Problem Solving, Teamwork and Collab, Communications .
- **Languages:** Arabic (Native) | English (Fluent) | French (Fluent) .

CERTIFICATIONS

- **Software Engineering and Embedded Systems** (IEEE)
- **CMOS Analog IC and PCB Design** (Mahara Tech Academy)
- **Electrical Engineering Simulation** (Coursera)
- **Machine Learning** (Coursera)

Projects

- **Final year project:** Hand robot using Arduino as a brain of robot, controlling the servo motors and sensors to achieve precise finger movements. ([Watch The Project](#))

Others:

- IoT Smart Alarm Automation with Raspberry PI.
- Hotel Management System using Python.
- Scientific Calculator App using MATLAB.