

# Sireen Zebian

+961 71923653 [SIREEN.ZEBIAN@GMAIL.COM](mailto:SIREEN.ZEBIAN@GMAIL.COM) [LINKEDIN.COM/IN/SIREEN-ZEBIAN/](https://www.linkedin.com/in/sireen-zebian/) CHOUEIFAT, LEBANON

## Summary

A self-motivated Computer Engineering graduate with a strong foundation in programming, software development and networking. Skilled in building projects and turning technical knowledge into real-world solutions. Gained solid expertise in the robotics field through academic and self-directed projects. Recently developed a keen interest in statistics and data analysis and now eager to crunch numbers not only in tech but also in the marketing and business.

## Education

- Master of Science in **Statistics & Data Science**  
**Le CNAM Liban, ISSAE**  
2024 – Present Beirut, Lebanon
- Bachelor's in **Communication and Computer Networks Engineering**  
**Lebanese University, Faculty of Technology**  
(09/2019 – 04/2022) Mount Lebanon, Lebanon
- Lebanese Baccalaureate in **General Science**  
**Amjad High School**  
(09/2018 - 07/2019) Choueifat, Mount Lebanon, Lebanon

## Work Experience

### Junior Robotics Engineer

BEC, Beirut, Lebanon | Sep 2023 – Jan 2025

#### Work Skills and Achievements:

- Proficiency in programming languages C++, PYTHON, and more
- Hands-on experience with development tools (e.g. Visual Studio, Arduino IDE, Thonny IDE, MIT App Inventor,...)
- Working with real-time data collection and system integration
- Translating raw data into actionable outputs: Developed applications to control and interface with hardware devices

#### Projects:

- **Smart Wheelchair:** Engineered with **multi-mode control** via **mobile app** and **voice input**; implemented obstacle detection and **path planning** for autonomous navigation.
- **Autonomous Vehicle:** Developed with Raspberry pi, featuring face recognition, **real time obstacle avoidance** and **intelligent path planning** using data from sensors for **decision-making**.
- **Other projects:** *Ultraviolet Sanitization Device, LED Studio Lighting System, Robotic Arm, Smart Home Automation Prototype, and more*

#### Role Responsibilities:

##### Technical Engineer:

- Managed projects end-to-end: from the 3D design to component selection, circuit building, software/hardware integration, and final deployment
- Collected and processed sensor and system data to evaluate performance, generate insights and better design choices

##### Sales Engineer & Business Development:

- Coordinated project planning, resource allocation, and implementation, ensuring alignment with client requirements and business objectives
- Provided technical assistance for clients, advising on electronic components and project feasibility.

## Courses & Certifications

- **Graphic Design AI Diploma 2025** (Sep 2025 – Present)  
Organized by: **the Basementx** | Topics: Canva, Figma, Adobe After Effects, Adobe Premiere Pro, Adobe InDesign, Adobe Illustrator, Graphic Design Theory Essentials

- **Microwork** (May 2023 – June 2023)  
Organized by: **DOT Lebanon** | Period: **70hrs** | Topics: **Microsoft Office Tools**, Business Fundamentals, Digitalization, Digital Citizenship, Email Writing Skills, Work Ethics, Self-Marketing, Career Planning
- **Fundamentals of Computer Science in Python** (Feb 2023 – Apr 2023)  
Organized by: **SE Factory** | Period: **50hrs** | Certificate Link: [here](#)
- **Robotics Course** (Feb 2023 – Mar 2023)  
Organized by: **DOT Lebanon funded by UNICEF** | Period: **50 hrs.**
- **Public Speaking** (Feb 11, 2023)  
Organized by: **Centre MINE (Careers, Innovation and Entrepreneurship Center)** | Period: **2hrs** | Certificate Link: [here](#)
- **IT Essentials CISCO Course** (Nov 2021 – Jan 2022)  
Organized by: **Rural Entrepreneurs / DOT Lebanon** | Period: **70 hours** | Certificate Link: [here](#)
- **Mobile App Development** (Apr 2021 – May 2021)  
Organized by: **Rural Entrepreneurs / Centre MINE and DOT Lebanon.** | Period: **60 hours** | Certificate Link: [here](#)

## Skills

---

### Technical & Digital Skills:

- Proficiency in Microsoft Office and Google Suite
- Advanced Excel | Spreadsheet Management
- Data visualization & presentation
- Analytical & Optimization Mindset
- Digital literacy and effective use of social media
- Basic Graphic Design

### Data & Analysis:

- Python & R Language
- Statistical Analysis
- Basic Relational Database & SQL
- Engineering Data Collection & Analysis

### Programming Skills:

- Python, R, Basic MATLAB
- C, C++

## Achievements & Social Work

---

- Volunteered with **LADE (Lebanese Association for Democratic Elections)** to monitor elections and report violations, ensuring transparency in the electoral process. (Date: 5/2025)
- **1st Place Winner** of the Demo Day Competition, part of UNICEF's Generation of Innovation Leaders Program (GIL)  
Organized by: **GIL in collaboration with Rural Entrepreneurs** (Date: 12/2021)

## Language

---

### • English

Proficiency: Professional

### • Arabic

Proficiency: Native / Bilingual

### • French

Proficiency: Limited Working Proficiency