

# Sabine Raed Farhat

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## EDUCATION

2020- 2024

### **BEN in Computer and Communication Engineering (June 2024)**

American University of Beirut | GPA: 3.94/4

June 2020

### **Baccalaureate in General Sciences**

Saint Mary's Orthodox College | GPA: 18.2/20

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## PROJECTS

2023

### **Product Manager of Basketball Management System**

- Generated a product vision, personas and user stories, and designed a high-fidelity prototype
- Developed a basketball management system using Django Framework, HTML, and CSS.
- Authenticated players, coaches, and academy members using sign-up and login.
- Implemented chatting between players and coaches.
- Integrated games' calendar set by coach.

2023

### **Currency Exchange Platform**

- Developed a currency exchange platform that allows users to input transactions (amount and currency) and displays the average exchange rate of these transactions.
- Designed a user-friendly calculator on the platform that takes an amount from the user and displays its converted equivalent.
- Authenticated users using Registration and Logging in options and displayed past transactions for logged in users.
- Website was also developed as a mobile and desktop application:
  - **Front-end development:** using html, CSS, JavaScript, and react framework.
  - **Back-end development:** Python Flask, MySQL database, Postman for testing
  - **Mobile Application:** Developed on Android Studio using Kotlin.
  - **Desktop Application:** Developed on IntelliJ IDEA using JavaFX.

2023

### **Bakery Website development using HTML and CSS**

- Developed a Restaurant website with a responsive layout for all screen sizes
- Coded using HTML, CSS, JavaScript, and Bootstrap framework
- <https://github.com/srf5/Bakery-Website->

2022

### **Chatting Application using Python - Networking project**

- Coded using socket programming in python
  - Designed a GUI (using TKINTER Library)
  - Tested using netem
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## EXTRACURRICULAR ACTIVITIES & WORK EXPERIENCE

2023

### **IEEEExtreme's Region Co-Lead for R8 (Africa, Europe, Middle East, and parts of Asia)**

Guide the section Leads & Co-Leads of the Region's countries in performing their work and assisting them in hosting the competition.

2023

### **inMind Academy Trainee in Software Development**

Extensive training in Backend and Frontend development.

2023

### **LebNet Women in Technology Fellowship**

Fellow in the inaugural cohort of LebNet WiT Fellows Program consisting of immersive skill-development workshops, panels, and discussion circles.

2022-2023

### **Lab Assistant in Electromagnetics Project - Institute of Electrical and Electronics Engineers**

Manufacture materials, prepare experiments, and simulate them in High Schools.

2022-2023

### **Event Officer - IEEE student branch (American University of Beirut)**

Create, plan, and host events for our club.

2022

### **IEEEExtreme's Country Lead for Lebanon**

As the lead over IEEE's global competition, I handled a team of 30 individuals with a common goal to plan workshops, market the competition and collaborate with IEEE student branches.

2022

### **Teaching Assistant in Analog Signal Processing Course (ECE department - AUB)**

Prepared the course material: revised PowerPoints, prepared homework and exams, designed electric circuits and diagrams using Microsoft Visio, and helped answer student inquiries.

2021

### **Teaching Assistant in Electric Circuits Course (ECE department - AUB)**

Used wolfram Mathematica to solve exams and assignments and introduced it to students. Helped students in problem solving sessions and projects.

2021

### **Programming instructor – Geek Express**

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## SKILLS

2020-Present

**Programming Languages:** Python, C++, Java, JavaScript, TypeScript, C#, Kotlin, VHDL, MATLAB

2020-Present

**Computer skills:**

*Front-end development:* Angular, React, JavaFX, HTML, CSS, SCSS

*Back-end development:* .NET core 6, Python Flask, Django

*Other:* Figma, Adobe XD, Wolfram Language, Mathematica, Latex, Microsoft Visio

2023

**HTML, CSS, and JavaScript for Web Developers (John Hopkins University - Coursera)**

2022

**UI/UX Design Expert Training Program (Simplilearn – Forward Mena)**

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**CERTIFICATIONS**

2022

**Certificate of Participation in “The Data Science and AI day”**

WIE and Beirut AI

2019

**Certificate of Completion of Level 2: Advanced Life Skills**

The Council Leadership Academy

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**HONORS AND AWARDS**

2020

Certified Microsoft Innovative Educator

2020

Academic Excellence Award - Saint Mary's Orthodox College

2019

Second place award in Physics Knowledge Category

LAU | 6th Annual Arts & Sciences Fair

2018

Diplome d'Etudes en Langue Francais (DELF): B1, A2, A1