

## Carla Sweid

A self-motivated STEM enthusiast

Beirut, Lebanon

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### Profile

Driven senior Computer Science student at the Lebanese American University with a 3.8 GPA. Experienced with web development, technical advising, and information technology. Excellent technical skills in Java, HTML, CSS, C#, JavaScript, PHP, Python, SQL, Linux, and others.

### Experience

#### IT Help Desk Assistant

October 2022-Present

Lebanese American University

- Supporting an average of 20 Faculty and Staff working on both Windows; this includes Email (Webmail, MS Outlook, Mail, and Entourage), Microsoft Office suite, and other general University applications (Oracle, Banner, Online Applications, and Remedy) per shift.
- Assisting Faculty and Staff with general Network and Hardware problems, an average of 10 per shift.
- Mentoring students with Webmail, Portal, and Banner, an average of 10 per shift.

#### Technical Advisor

September 2022-Present

Ejhar Startup, an online advertising platform

- Providing technical consultancy services to the president of Ejhar on a daily basis.
- Leading and supervising a team of 4 software developers throughout the development process.
- Guiding and refining the design of the whole application, such as customizing user, admin, and client dashboards.
- Mapping smart marketing and financial revenue plans.

#### Trainer

May 2022-Present

Geek Express, an online coding platform for K 12 students.

- Teaching application development courses for grades 5 to 8 students.
- Teaching game development courses for grades 5 to 8 students.
- Landed 4 new clients.

#### Software Developer Intern

February 2022 –May 2022

Rush For Less, an online platform bringing retailers and shoppers together.

- Developed email templates and web pages while exploring and using HTML, CSS, Tailwind CSS, and Node JS.
- Ensured the on-time delivery of tasks, an average of 3 tasks per week.

#### Private Tutor

2018-2022

- Tutored Mathematics, Sciences, and English for Grades 7-10 students.

## Education

### Bachelor of Sciences

2020-2023

Lebanese American University

- Placed on Distinction List – Faculty of Arts and Sciences at LAU for all semesters enrolled at LAU.
- Recipient of the MEPI TLS Gender Scholars Scholarship for the 2021-2022 academic year.
- Enrolled in LAU Honors Program.
- Recipient of LIFE Scholarship for the 2022-2023 academic year.

### Lebanese Baccalaureate

2006-2020

Beirut Baptist School

- Graduated with High Distinction, an average of 89/100.
- Ranked among the top 5% of students in Grades 10, 11, and 12.
- Obtained a “Very Good” in official baccalaureate exams, an average of 17.5/20.

## Projects

### Web Programming

Developed a restaurant management website that:

- Allows customers to place online orders and reserve tables, employees to manage orders, and managers to track all restaurant activities.
- Contains dynamic web pages that incorporate both client-side and server-side programming.
- Tech Stack: HTML, CSS, JavaScript, PHP, XML, Ajax, SQL, and jQuery.

### Database Management

Designed and implemented a database to cover the needs of a supermarket.

- Developed a data model for a database application using ER diagram.
- Successfully served as the team leader during the project phases.
- Handled general duties including documentation and photocopying.
- Applied the concepts of data normalization in developing a well-designed database application.
- Implemented a database application using an appropriate relational DBMS (Oracle).

### Objects and Data Abstraction

- Planned, developed, and implemented a travel agency booking system.

### Software Engineering

Team Leader and Project Manager

- Led an online health and nutrition application.
- Communicated effectively with team members and course supervisors in all deliverables.
- Integrated UML design (Context Diagram, Architecture Diagram, Use Case Diagram, Activity Diagram, Sequence Diagram, and Class Diagram) to describe software components.

## Game Programming

Developed two complete games on Unity, RPG as well as FPS.

- Worked with rigid body/character controller for movement, raycasting, saving systems, post-processing, AIs, landscape brushes and texturing, particle systems, UI, sound systems, coroutines, object pooling, and scriptable objects.

## Achievements

- Winner of Smart Champions Award 2022 – All Girls Code 2022.
- Accepted in TechGirls exchange program 2019 – Legacy International, U.S. Department of State.
- Selected to represent 72 TechGirls participants in a TV interview on WSLS TV, Virginia USA.
- First Place Winner of Science & Arts Fair 2019 – BBS.
- First Place Winner of Math Rally Competition 2019 – BBS.
- Class President Grade 12 General Sciences 2019-2020 – BBS.

## Trainings

- |   |                          |
|---|--------------------------|
| • Job Shadow – We Work USA                                      | June 2019                |
| • Coding, Cybersecurity, and Robotics – Virginia Tech           | June 2019                |
| • Techsplore – All Girls Code                                   | August 2022              |
| • Leaders for Lebanon– WAZNAT                                   | February 2020- July 2020 |
| • iOS Club – Beirut Baptist School                              | June 2021-November 2021  |
| • Maharat From Google   | October 2020             |
| • Completion of Data Science for Everyone Course – DataCamp     | August 2022              |
| • Completion of Data Engineering for Everyone Course – DataCamp | August 2022              |
| • Completion of Introduction to R – DataCamp                    | August 2022              |