

# Aya H. Shalhoub

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## EDUCATION

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| Sep. 2025 – Present   | <b>Lebanese American University (LAU) – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>MS in Computer Science</li></ul>        |
| Jan. 2022 – Dec. 2024 | <b>Lebanese American University (LAU) – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>BS degree in Computer Science</li></ul> |
| Sep. 2018 – Jun. 2020 | <b>Lebanese University – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>BS in pure chemistry</li></ul>                         |
| Sep. 2003 – Jun. 2017 | <b>Al Kawthar High School – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>Lebanese baccalaureate, Life Science</li></ul>      |

## PROFESSIONAL EXPERIENCE

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| Jun. 2022 – Aug. 2023  | <b>Freelance, Private Tutoring – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>Tutoring fellow university students in advanced topics such as Objects and Data Abstraction.</li></ul>                                                                                                                                                                                                                                                                                    |
| Sep. 2023 – Dec. 2023  | <b>University Lab Assistant – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>Students' facilitation in Introduction to Object-Oriented Programming course.</li></ul>                                                                                                                                                                                                                                                                                                      |
| July. 2024 – Sep. 2024 | <b>Salesforce Intern – Associate, Admin &amp; Developer – Beirut, Lebanon</b> <ul style="list-style-type: none"><li>Customizing Salesforce UI with Lightning App Builder, page layouts, and custom objects to meet business needs.</li><li>Building Apex classes, triggers, and Lightning Web Components for process automation and UI enhancements.</li><li>Developing reports, dashboards, and automation flows to streamline sales processes and improve data analysis.</li></ul> |
| Sep. 2025 – Present    | <b>Graduate Assistant – LAU Beirut, Lebanon</b> <ul style="list-style-type: none"><li>Supervising Operating Systems and Computer Organization lab sessions</li><li>Grading assignments, labs with technical feedback</li><li>Researching IoT-enabled smart waste management systems (RA)</li></ul>                                                                                                                                                                                   |

## ACADEMIC PROJECTS

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| Sep. 2023 | <b>Web Development Project – Interview Prep Platform</b> <ul style="list-style-type: none"><li>Designed a comprehensive web project to implement a user-friendly platform for interview preparation.</li><li>Utilized technologies as JavaScript, PHP, HTML, and CSS.</li></ul>                                  |
| Sep. 2023 | <b>Machine Learning Project - Energy Generation Model</b> <ul style="list-style-type: none"><li>Worked on data cleaning and preprocessing to develop a model for clean energy output prediction.</li><li>Incorporated technologies as Python, Jupyter, and various models like KNN and Decision Trees.</li></ul> |

## SKILLS & INTERESTS

**Languages:** proficient in English and Arabic.

**Skills:** C, Java, Python, Html, php , CSS, JavaScript, MySQL, Microsoft Office (Excel, PowerPoint, Word), Apex, LWC

## EXTRACURRICULARS

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| Sep. 2022 – Dec. 2024 | <b>Computer Science Club Member - LAU</b> <ul style="list-style-type: none"><li>Attended beneficial workshops related to cybersecurity, game development, and DevFest.</li><li>Active participant in the Computer Science Club, engaging in a variety of enriching activities and events.</li><li>Served as a student guide for incoming members, providing support, sharing insights, and facilitating their integration into the club's dynamic community.</li></ul> |
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