Reem Sleiman
Computer Science

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Education

American University of Beirut (BEIRUT, LEBANON)
Bachelor's in Computer Science
• **GPA:** 3.69/4.00
•**Relevant Coursework:** Machine Learning, Web Development, Mobile Development, Data Structures & Algorithms, Software Engineering, Operating Systems, Databases, Computer Architecture, Java OOP

Projects

Web App Development   February 2025 – current
Goals Tracker (Full Stack) https://github.com/ReemSleiman/Goals_Tracker.git
• Designed a web application to help users set, categorize, and track goals under different categories such as career, fitness, finance, and learning.
• Implemented a **calendar feature** to allow users to log and revisit achieved goals on specific dates.
• Developed a **progress-tracking dashboard** with visual indicators (charts, completion percentages, and streaks).
• Used **ReactJS** for an interactive frontend and **ASP.NET MVC** for a scalable backend with a **SQL Server database**.

Web App Development   September 2023 – April 2024
Final Year Project: Whistleblowing Platform (Full Stack): website tutorial
• Conducted research about environmental violations in Lebanon, whistleblowing laws, and crowdsourcing.
• Implemented web application to allow whistleblowers to report environmental violations both in Arabic and English.
• Integrated the data of the reports and visualized it in maps and charts.
• Allowed users to filter the reports by categories, date, and location.
• Used: **ASP.Net Razor, SQL Microsoft Server, HTML, CSS, jQuery.**

Web Development   March 2024 – April 2024
Google Drive Clone (Full Stack):
• Implemented the retrieval of files and folders in home, my drive, shared with me, starred and trash pages.
• Enabled users to switch between Grid and List view of files and folders along with the filtering between the two.
• Implemented the regular and advanced search feature.
• Used: **NodeJS, MySQL, HTML, CSS, JavaScript.**

Mobile Application & Machine Learning Development   September 2023 - December 2023
Campus Building Detection Mobile Application (Full Stack):
• Trained object detection model using **TensorFlow API** to detect and name different buildings in the campus.
• Conducted extensive data preprocessing to enhance model performance
• Developed **Android Application** using **Java** for backend and **XML** for frontend that allows users to take pictures of the buildings to know their names and informative details about them.

Web & Networking Development   September 2023 -December 2023
Twitter Platform (Full Stack):
• Used **Java** in IntelliJ to build multi–Client/Server Connection through **TCP** Sockets.
• Enabled the Clients to post messages, follow other users, react to other messages, and search for other users and see their posted messages.
• Developed the Server to constantly show the most recent messages posted and connected it to **SQL** database.

Web Development   February 2023 - May 2023
Online Cafeteria Website (Backend):
• Built a **REST API** and connect it to **SQL** database in order to fetch the available menu items and organize orders.
• Tested the **CRUD API** endpoints using **Postman**.
• Used: **NodeJS, MySQL**.

Technical Skills

• **Programming:** Java, JavaScript, C, C++, C#, Python, HTML, CSS, SQL (MySQL, SSMS), NoSQL (MongoDB, Elastic Search), NodeJS, ASP.Net, ReactJS, Flask.
• **Tools:** Android Studio, VS code, IntelliJ, Postman, Git, Azure.