

Ahmad Machmouchi

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Education

American University of Beirut, Beirut, Lebanon

Bachelors of Science in Computer Science

2022-Present

Predicated Graduation Date: June 2025

Houssam Eddine Hariri High School

International Baccalaureate

2018 – 2022

Professional Experience

Software Engineer - Intern

Alfa Telecommunications

Summer 2023

Enterprise Applications Department

- Specialized in website development using **ASP.NET**, and database management with **SQL**
- Demonstrated expertise in system design, implementation, and optimization during internship at Alfa Telecom's Enterprise Division
- Accomplished tasks with a focus on excellence and collaboration with seasoned engineers

Involvement and Participation

Nasa International Space Apps Challenge

Fall 2023

- Attained a top 20 position in the Lebanese Competition at NDU by leading the creation of a pioneering open-source website designed for research discovery
- Showcased a blend of creativity and technical acumen through proficient use of **HTML**, **CSS**, and **JavaScript** in front-end development
- Demonstrated strong skills in web development, effective teamwork, and innovative problem-solving throughout the project

Neurophysiology & Computational Neuroscience Group - Undergraduate Researcher

Fall 2023 – Present

- Built **Java GUI (Swing)** saving researchers time by eliminating manual file searches and displaying data interactively.
- Centralized data visualization: Integrated diverse sources for real-time & historical brainwave graphs in a user-friendly interface, boosting research accessibility.
- Enhanced research collaboration: Provided centralized interpretation tools for brainwave data, facilitating communication and streamlining research progress.

Lebnet - Fellowship

Fall 2023 – Present

- Collaborated with industry experts and mentors to gain insights into startup ecosystem dynamics, including fundraising strategies, market analysis, and product development.
- Actively participated in workshops, seminars, and networking events aimed at enhancing skills in project management, communication, and teamwork.

Technical Skills

Programming Languages: Java, Python, C, C++, C#, SQL, SML, HTML, CSS

Technologies/Frameworks: ASP.net core MVC, Git, GUI

Developer Tool: Visual Studio Code, Visual Studio 2022, SQL Server Management, Github