

Houssein Al Fakih

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EDUCATION

American University of Beirut , Beirut, Lebanon	09/2019 – 05/2023
Bachelor's degree in Computer and Communications Engineering <ul style="list-style-type: none">- <i>Full Scholarship Student awarded by USAID</i>- <i>Dean's honor list</i>- <i>GPA: 3.48/4</i>- <i>Final year project "H&H Market" ranked in the top 3 for the Murex Best Collaboration Award</i>	
Model High-School of Hermel , Hermel, Lebanon	09/2017 – 06/2018
Lebanese Baccalaureate: General Sciences <ul style="list-style-type: none">- <i>Scored 17.54/20</i>- <i>Ranked first in Hermel Qazaa</i>	

EXPERIENCE

Touch Lebanon , Beirut, Lebanon	06/2022 – 08/2022
Network Quality Intern <ul style="list-style-type: none">• Intensive readings and sessions about the 2G-3G-4G radio multiple access techniques.• Concept of "Coverage-Capacity-Quality" trade-off for the network planning.• Concept of network optimization and service quality enhancement.• Major network key performance indicators "KPI" and service key quality indicators "KQI".• Introduction about the network performance and quality measurement tools.	

MAIN PROJECTS

- **Supermarket Shopping System "H&H Market"**: a comprehensive e-commerce website that provides a fully functional supermarket shopping system with interactive forums, product ratings, and likes for customers.
- **Football Management System**: a comprehensive software solution designed to manage and streamline all aspects of a football team, including player and team statistics, game scheduling, training plans, and communication tools for coaches and players.
- **AI Recommender System for a Supermarket**: the project involved training a model to suggest personalized recommendations to users based on their preferences and behavior, improving their overall user experience on our platform.
- **Marketing Plan Project**: the project involved developing and presenting a comprehensive plan for promoting a product or service, including market research, target audience analysis, advertising and promotional strategies, and budgeting.
- **Engineering Ethics Project**: this project involved analyzing an engineering scenario from an ethical perspective, evaluating various ethical concepts, and applying them to the scenario to determine the most appropriate course of action.

EXTRACURRICULAR ACTIVITIES

- Implemented a community service project in my town to teach secondary school students about the basics and importance of coding.
- Volunteered with the Barbara Nassar Association in organizing the Cancer Awareness Village event.
- Volunteered with UNICEF in the psychosocial support program for Syrian refugees.
- Volunteered with MMKN in teaching sessions for public schools' students in Lebanon.
- Volunteered with LRI in a reforestation day in Beqaa.

SKILLS

Languages: Arabic (Native), English (Fluent), French (Advanced)

Technical Skills: Google Docs, Google drive, Google sheets, Python, Django, C++, CSS, JS, NodeJS, XML, HTML, Google Colab, Wireshark, Packet Tracer, VHDL, PSpice, SQL, Linux, LabView

Soft Skills: Teamwork, Flexibility, Communication skills, Critical thinking, Leadership, Working under pressure