Mohammad H. Chalhoub

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EDUCATION

Sep. 2019 – June 2024   **Saint Joseph University (USJ)** – *Beirut, Lebanon*
- Degree: Computer and Communication Engineering.
  Expected Graduation Date: June 2024.
- Tutored university students in programming(Python/C++) and electrical circuits.

Sep. 2006 – Jun. 2019   **Amjad High School** – *Beirut, Lebanon*
- Lebanese baccalaureate with high distinction, Math Emphasis
- Elected class representative (2017, 2018)

Projects

April. 2021 – May. 2021   **E-commerce website,**
- Created a website with two other colleagues that allow users to shop and buy clothes online.
  Users are authenticated using a fully encrypted authentication system.
- User will be able to create account, explore the website, add his credit card, view the piece he want to buy and the quantity available, choose his size and buy it.
- All pieces bought will be saved to his account history.
  Technologies used: pillow and tkinter libraries on python

March. 2022 – May 2022   **Car Robot Control**
- Created an obstacle-detecting car that changes direction whenever an obstacle is detected.
  Technologies used: Arduino Mega and C++

September. 2022– December 2022 **Car customization website,**
- Created a website that allow users to modify his car virtually and view his changes before changing it in real life.
  Users are authenticated using a fully encrypted authentication system.
- User will be able to create account, explore the website, modify his car or to explore new cars, he will be able to see the modification from different angles.
- The modifications will be saved to his account history.
  Technologies used: ReactJs (for frontend), express.js (for backend), mongoDB(for database)

EXPERIENCES

Jan. 2022 – Feb.2023   **Web-Development (Internship) –**
                              IDS – Beirut - Lebanon

- Created a portal to allow interns, fresh graduates and students to know about the company internship programs.
- Users are authenticated using a fully encrypted authentication system
- User will be able to create account, explore the website, see the current internship program.
- Technologies used: ReactJs (frontend), ASP.Net Core (backend), SQL Server (database).

EXTRACURRICULAR ACTIVITIES

Jan. 2020 – Present   **Coding**
- Participated in numerous competitive programming competitions

Sep. 2019 – Present   **Online Courses and Workshops**
- Took several certified courses regarding initiation to C++ and introduction to OOP
- Took a full course in HTML, CSS, and JavaScript
- Participated in an online Bootcamp concerning introduction to machine learning, deep learning, computer vision, natural language processing, and time-series analysis.

Sep. 2017 – Jun.2019   **Amjad Chess Club** – *Beirut, Lebanon*
- Won 5th place in the Lebanese School Tournament U18 (2018)
- Participated in numerous tournaments with high-ranking players
- Coached for a year by an International Chess Master

SKILLS & INTERESTS

Languages: Fluent in English, French, and Arabic.
Programming Languages: C++, Python, Java, HTML, CSS, JavaScript (Reactjs), C#.
Skills: Design Patterns, Data Structure and algorithms, OOP.
Other skills: MATLAB, SQL, Wireshark, Packet Tracer, Microsoft Office (Excel, PowerPoint, Word).
Interests: Basketball, football, chess, board games.