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MOHAMAD HAMADE

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EDUCATION

Beirut	**American University of Beirut**	**Sept 2019-June 2022**

- **Major:** Computer Science, B.S.

EMPLOYMENT

Software Developer, Intern	**Lemonade Fashion (Startup)**	**Jan 2022–April 2022**

- Implemented frontend changes to the Mobile app using React Native which made the UI smoother and more appealing.
- Implemented PayPal payment system in mobile app which drastically increased sales.
- Implemented Aramex model for shipment services using python reducing company costs spent on other shipment services.
- **Leveraged Knowledge: React Js, React Native, Python, Git**

Software Developer, Intern	**Mastermind Software Engineering**	**Dec 2021-Jan 2022**

- Integrated fast registration for employees by implementing authentication with QR code and JavaScript while making use of local storage which replaced reporting via emails or other sort of communication making the whole process faster.
- Built a website for reporting machine conditions using pure HTML, CSS, and JavaScript allowing access from any device.
- Developed a more accessible mobile app using Flutter that allows scanning QR codes and reporting machine conditions.
- **Leveraged Knowledge: HTML, CSS, JavaScript**

IT Support Staff	**American University of Beirut Medical Center IT Department**	**Mar 2021-Jan 2022**

- Reduced tasks that require human interaction by implementing a process automation using C++ and Python that helped taking employee attendance which significantly reduced routine work and human interactions.
- Black Box tested websites for bugs then wrote a documentation reporting bugs and how they were triggered with possible fixes which significantly reduced users contacting IT support when faced with a problem that was already known.
- Coordinated and followed-up with Managers on Team attendance and liaison with HR on weekly updates
- **Leveraged Knowledge: IT, Problem Solving, Communication, C++**

IT Service Desk	**American University of Beirut IT Department**	**Oct 2020-Jan 2021**

- Solved service desk requests and incidents by following up with customers and co-workers support tickets using TeamDynamix software
- **Leveraged Knowledge: IT, Problem Solving, Communication**

Projects

- **Lebanon USDT** *(Flutter, Dart, SQLite, Git)*
  - Created a cross platform mobile app using Flutter that connects cryptocurrency traders and helps them trade USDT (a non-volatile crypto currency) to USD cash or vice versa which significantly reduced time finding a buyer or a seller.
  - Communicated with server with RESTful API to POST, GET, PUT, or DELETE trade requests
  - Collected user input by validating Text Fields using controllers and REGEX.
  - Implemented persistent local storage to store requests locally using SQLite database.
  - Implemented filtering requests by location, rates, total price to facilitate finding a buyer or a seller.
- **AuBooking** *(JAVA, XML, SQLite, Git)*
  - Developed a Native Android Application using JAVA to allow university students to book seats in the library, sports courts, gym, and different places which solves the problem of having to call every time someone wants to reserve.
  - Designed responsive screens of the app by making different versions for different screen sizes using XML
- **Delivery 365** *(Flutter, Dart, REGEX, Firebase, Git)*
  - Created a cross platform mobile app using Flutter that allows a merchant to register new drivers and start assigning them orders which drivers in turn could either accept or decline which aims to speed up the delivery process.
  - Implemented Push Notifications using Firebase Cloud Messaging
- **Languages:** English (Fluent), French (Fluent) and Arabic (Native).

Programing Languages: Dart, JAVA, Kotlin, Python, JavaScript, Node.js, SQL

Frameworks and SDKs: Frameworks and SDKs: Flutter, React Js, React Native

Others: HTML, CSS, XML, Kali Linux, Docker