Ghadi Ayoub

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Experience

Areeba SAL   Beirut, Lebanon
Software Engineer   July 2023 – August 2023

- Reworked the entire interface of a software that runs on POS devices using Jetpack Compose, a native Android UI/UX toolkit.
- Implemented native features, including a custom kiosk mode, screen saver, OCR scanner, and more.
- Implemented clean architecture design patterns and applied caching techniques to operate with local databases, as well as parallelized code to resolve concurrency issues.
- Gained exposure to the full agile development life cycle.

Selected Projects

Smart Search

- Developed advanced deep learning models optimized for finding relevant job trends.
- Performed model training and parameter tuning using modern data scraped from LinkedIn, increasing accuracy up to 900%.
- Deployed models for real-time interaction, bridged by a web application that serves as an interface.
- Received full marks following its presentation as a final year project.

FiMetlo

- Developed a full stack application using Flutter and Firebase.
- Implemented user authentication, support for dark mode, multi-language, notifications, and user profiles.
- Designed the UI according to industry trends.

Malicious URL Detector

- Developed machine learning models that can determine whether a URL is malicious or not before a user opens it.
- Applied advanced data cleaning, pre-processing, and visualization techniques.
- Achieved optimal accuracy across the board.

Baking with Mimi

- Developed a mobile application built with Flutter.
- Designed and developed the front-end with XML and Dart.
- Published the application and deployed it on the Google Play Store.

Education

Lebanese American University   Beirut, Lebanon
Bachelor of Science in Computer Science   2024

Collège de la Sainte Famille Fanar   Fanar, Lebanon
French Baccalaureate in General Sciences   2021

Skills

Technical: Python, Java, Kotlin, JavaScript, C, C#, HTML & CSS, Dart, Flutter, React+React Native, PHP, SQL, MongoDB, NodeJS+ExpressJS, Figma, AWS.
Languages: Arabic (Native), English (Fluent), French (Fluent)