ALI MOHAMED ALI

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Objective

A dedicated and detail-oriented professional with a strong background in Android development and a passion for data analysis. Seeking to leverage my programming skills, analytical mindset, and experience in mobile application development to transition into a data analysis role. Eager to gain hands-on experience and enhance my skills through an internship or job opportunity, contributing to a dynamic team by utilizing data analysis tools and techniques to drive informed decision-making and deliver actionable insights.

Education

Bachelor of Computer Science

El-Shorouk Academy, Higher Institute of Computer Science and Information Technology

(10.2020 – 05.2024)

Mobile Application Diploma using Kotlin

Russian Cultural Center, Egypt

(02.2022 - 05.2022)

Experience

Internship at The Chance | Android Developer

(02.2023 - 06.2023)

- Implemented new features using Kotlin, improving app performance by 70%.
- Collaborated with teams on large-scale applications, contributing to design and functionality enhancements, which increased user engagement by 80%.

Internship at APP Square Company | Android Developer

(07.2023-08.2023)

- Utilized Jetpack Compose to streamline UI development, reducing development cycles by 50% and improving efficiency by 40%.

Coding Instructor at Ischool
(06.2024 – 07.2024)
- Taught coding to over 100 students, enhancing understanding of complex concepts with a 90% student satisfaction rate.
- Developed innovative teaching techniques, improving student engagement by 25%.
- Led and mentored a team of junior instructors, resulting in a 15% increase in teaching effectiveness.
- Facilitated continuous learning and development, improving personal coding and pedagogical skills by 20%.

Data Entry at Kora Stats
(07.2024–Present)
- Record each action that occurs during football matches in real-time, including goals, fouls, substitutions, assists, penalties, and other key events.
- Ensure the accuracy and consistency of data entries by cross-referencing with live match footage and official reports Led and mentored a team of junior instructors, resulting in a 15% increase in teaching effectiveness.

Skills
Programming Languages:
- Python
- Kotlin
- Java
- SQL Server
- MySQL
- Arduino Programming

Tools:
- Microsoft Word
- Microsoft PowerPoint
- Microsoft Excel
- Microsoft Power BI
- Android Studio
- Arduino IDE
- Thinker Cad

Soft Skills:
- Leadership Skills
- Data Visualization
- Negotiation
- Communication
- Presentation
- Time Management

Accomplishments
- Streamlined UI development processes using Jetpack Compose, achieving a 50% reduction in development cycles and a 40% increase in efficiency.
- Self-studied data analysis using Excel, enhancing analytical skills and applying them to personal and professional projects.

Languages
- Arabic: Native Language
- English: Very Good in both written and spoken communication

Projects

Smart Prayer Rug (Graduation Project with Excellent Grade)
- Developed a smart prayer rug with integrated sensors and LEDs to assist users in maintaining correct prayer positions and timings.
- Utilized Arduino and various sensors to create a responsive and interactive system.
- Achieved an excellent grade for innovative design and functionality.

News App
- Created a mobile application to fetch and display news articles from various sources using APIs.
- Implemented in Kotlin for Android with a focus on user-friendly UI and efficient data retrieval.

Notes App
- Developed an application for managing personal notes with features for categorization.

Numbering Convert Calculator App
- Designed an app to convert numbers between different numeral systems (binary, decimal, hexadecimal).
- Implemented a user-friendly interface and accurate conversion algorithms.

Weather-Mate App
- Built a weather application providing real-time weather updates and forecasts based on user location.
- Integrated APIs to fetch weather data and used Kotlin for Android development.

Clinic Desktop Application (C#)
- Developed a desktop application to manage clinic operations, including patient records.
- Implemented using C# with a focus on robust data management and user interface.

Car Company Desktop Application (C#)
- Created a desktop application for managing car company operations, including inventory, sales, and customer relations.
- Utilized C# and SQL Server for database management.

IR-Remote-And-Manual-Home-Automation
- Designed a home automation system controllable via infrared remote and manual switches.
- Implemented using Arduino programming and various sensors and actuators.