Noura Sultan Fadel Alghamdi

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Profile

Currently a Computer Science student nearing the completion of my Bachelor's degree, I bring practical experience in databases, software engineering, and artificial intelligence. My skills in designing, developing, and implementing software solutions are complemented by a solid foundation in problem-solving and analytical thinking. I am deeply passionate about leveraging the latest technologies to address real-life challenges. Eager to join a dynamic team as a Software Engineer, I am ready to contribute to innovative projects while expanding my expertise in programming and design.

Education

Bachelor in Computer Science	2020/01 – 2025/12
Imam Muhammad ibn Saud Islamic University	Riyadh

Organizations

Member , Empowerment and Development Committee	2023/05
IMSIU EJAD ⧉	Riyadh

- Organized and facilitated 26 workshops and seminars, covering essential topics such as Effective Communication, Leadership Development, The Six Hats, and a Training course on Canva and more.
- Collaborated with committee members to develop comprehensive empowerment programs, leading to increased engagement, improved skills, and notable achievements among participants.

Member , Dialogue Committee	2022/07
TechNation Club ⧉	Riyadh

- Hosted and presented engaging dialogues on various social platforms and podcasts, diving deep into modern technical topics and pressing issues pertinent to university students, such as cooperative training and graduation projects.
- Collaborated closely with subject matter experts and academic professionals to produce content that was both insightful and educational, ensuring that listeners received valuable information.

Professional Experience

**Apple Developer Academy	TUWAIQ** ⧉	2024/09 – present
Developer	Riyadh, Saudi Arabia

- Selected to join an intensive program focused on app development, design thinking, and entrepreneurship.
- Collaborated in multidisciplinary teams to develop innovative iOS applications and solve real-world problems.
- Mastered key skills in Swift, Xcode, UI/UX design, and project management.

Courses

Data Science and Artificial Intelligence ⧉
Satr educational platform

Basic concepts include dealing with different types of data, analyzing and processing data, displaying data in a graphical and interactive manner, and modeling data using Machine Learning Algorithms and Deep Learning Algorithms.

iOS application development ⧉
Satr educational platform
This course introduced me to the Swift programming language, followed by concepts I needed to develop iOS applications using Xcode.

Projects

Foodi ⧉	2024/10
Meals Tracker App	

The project is a meal management application designed for busy individuals who often forget to eat due to their hectic schedules. The app helps users plan their meals, track their food inventory, and set reminders for both meals and food expiration dates. By combining meal scheduling and food management, the application provides a simple and effective way to promote healthy eating habits and reduce food waste.

IMSIU bus application ⧉	2023/05 – 2023/07

- Developed an efficient transportation app utilizing Agile methodologies, aimed at enhancing mobility for Imam Muhammad bin Saud Islamic University (IMSIU) community and guests.
- Engineered features include real-time bus schedules, station information, and route mapping from key locations such as Metro Station, various college campuses, parking areas, and residential services.
- Integrated a user-friendly interface allowing for easy navigation to the nearest stations, route optimization, and ticket purchases and management, if you want more information click on the link above.

Smart Urban Farming ⧉	2023/03 – 2023/05

- Created a database for smart urban farming to support efficient and sustainable agricultural practices in cities.
- Focused on optimizing resource use, boosting productivity, and minimizing environmental impact in urban farming by integrating technology and data analytics.

Aman Al-Tariq (أمان الطريق)	2024/08 – present
Car Accident Detection	

- Designed and implemented a deep learning-based system using YOLOv8 to detect car accidents in real-time. Optimized data processing, model training, and evaluation to achieve high accuracy and rapid response. This innovative project demonstrates expertise in AI, computer vision, and problem-solving for road safety.

Skills

Database Design	Event Organization
Program Development	Public Speaking
Content Production	Discussion Leading
Real-Time Data Handling	Technical Writing
Agile Methodologies	Mobile App Development
Project Management	Oracle Database
Problem-Solving	Marketing
UI/UX Design	iOS Developer
Computer Vision	Deep Learning

Languages

- Arabic
- English