

Mohammad Shams

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EDUCATION

Applied Science Private University

Bachelor of IT in Computer Science — 4th Year Student, GPA: 3.2

Amman, Jordan

Mar. 2021 – Jul. 2025

EXPERIENCE

Mobile App Developer Intern

Dimensions Studio

May 2024 – Sep. 2024

Amman, Jordan

- Led UI/UX and front-end development for the **HAYAT** blood donation app using Flutter.
- Implemented OTP authentication, API integration, notifications, sharing, Mapbox, and GoRouter navigation.
- Enhanced scrollable widgets and built the new post screen logic based on real-world API data.

Pisciner (Intensive C Bootcamp)

42 Amman

Jun. 2024 – Jul. 2024

Amman, Jordan

- Completed daily peer-reviewed coding projects and algorithms in C.
- Learned memory management, shell scripting, file I/O, and team-based debugging.
- Gained hands-on experience with collaborative, self-paced learning under pressure.

Team Leader, Robotics Club

Applied Science Private University

2023 – 2024

Amman, Jordan

- Led a team in building a **Sumo Robot** using sensors and embedded C/C++.
- Won 1st place in the university Sumo Robot Contest.
- Organized coding workshops for new students.

PROJECTS

ClickView | Full Stack Development

2025

- Implemented JWT authentication to ensure secure user login and session management.
- Used PDFQuest for efficient PDF-to-text data extraction.
- Employed DTOs to transfer data cleanly between backend and frontend services.
- Developed responsive frontend with theme support, including Dark and Light modes for improved and clean user experience.

HAYAT Blood Donation App | Flutter, Dart, MapBox, GoRouter, REST API

2024

- Designed and built a full-featured mobile app to connect blood donors with recipients.
- Integrated real-time notifications, secure user authentication, share feature, and MapBox maps.
- Used GoRouter for scalable navigation and implemented dynamic UI with SliverList and GridView.

IEEE Weather-AQI Forecasting App | Python, SVR, Open-Meteo API

2024

- Predicted Air Quality Index (AQI) and humidity at 2m height using Support Vector Regression.
- Fetched and preprocessed weather data from Open-Meteo API, removed outliers, applied scaling.
- Visualized results, evaluated models (MSE, MAE, R^2), and exported predictions to CSV.

Amman Bus App Redesign | UI/UX Design

2023

- Redesigned the app's user interface based on usability issues and pain points.
- Created wireframes and clickable prototypes using Figma.
- Collaborated with developers to improve real-time user experience.

TECHNICAL SKILLS

Programming Languages: Dart, C, C++, Java, Python, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks & Libraries: Flutter, React, Vite, ASP.NET Core MVC, REST APIs, GoRouter, Mapbox, EF

Tools & Platforms: Git, VS Code, Android Studio, Figma, Docker, Postman, Firebase, PDFQuest, JWT

Databases: MySQL, SQLite, MongoDB, MSSQL

Skills: Mobile App Development, Full Stack Development, UI/UX Design, API Integration, Data Preprocessing, Software Architecture, Prototyping, Agile Methodologies, Team Leadership, Problem Solving

CERTIFICATIONS

Aspire Leaders Program — Certificate of Achievement, 2025
Deep Learning Specialization — Andrew Ng, 2025
Machine Learning — Stanford University, 2025
AI for Everyone — Andrew Ng, 2025
Flutter Development Course — Online, 2025
Sumo Robot Contest (1st Place) — Applied Science University, 2024
UI/UX Design Course — Applied Science University, 2023
Meta Front-End Developer Professional Certificate — Meta, 2023
Hour of Code — Applied Science University, 2023
Junior Programming Contest (5th Place) — Applied Science University, 2022

LANGUAGES

Arabic: Native
English: Advanced

RECOMMENDATIONS

Prof. Yousef AlQasrawi : Dean, Faculty of IT — Academic & Character Reference
Dr. Yousef ElSheikh: Graduation Project Supervisor — Leadership & Technical Reference
Dr. Abdulla AbuRomman: Instructor — Academic Performance Reference

LEADERSHIP & INITIATIVES

Team Leader, Graduation Project — Led planning, design, and development of HR video interview platform.
Head of Robotics Club — Coordinated team logistics and technical training for robotics competitions.
Peer Tutor, Algorithms and Programming — Mentored junior students in C++ and data structures.