



Hadi Afyouni

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UAE 10-YEAR Golden Visa
Valid UAE Driving License

PROFESSIONAL PROFILE

Computer Science graduate (2022–2026) with hands-on experience in Artificial Intelligence, Data Mining, and Mobile Application Development. Proven ability to design and deliver intelligent, user-focused applications — from AI-integrated Flutter apps to algorithmic web tools. Strong analytical thinker with a passion for emerging technologies, digital innovation, and software that solves real problems.

EDUCATION

Al Ain University – United Arab Emirates

Bachelor of Science in Computer Science | 2022 – 2026

Relevant Coursework: Artificial Intelligence | Data Mining | Machine Learning | Database Systems | Software Engineering | Mobile Application Development | Web Development | Algorithms & Data Structures | Operating Systems | Computer Networks | Information Security | Systems Analysis & Design

TECHNICAL SKILLS

Programming	HTML CSS JavaScript Java Dart SQL
Frameworks & Tools	Flutter Google Maps API Git Weka
AI & Data	OpenAI API Integration Prompt Engineering Recommendation Systems Data Mining Feature Engineering Predictive Analytics
Core Competencies	Problem Solving Analytical Thinking Team Collaboration Communication & Presentation

PROJECT EXPERIENCE

Blue Circle – Flutter Mobile Application with Intelligent Systems

Graduation Project | Mobile Development & AI Integration

Developed a Flutter-based mobile application supporting families of children with autism through intelligent assistance, context-aware recommendations, and community engagement features.

Integrated OpenAI APIs for smart user interactions; built recommendation systems and Google Maps API integration for locating nearby support centres.

Led end-to-end development including testing, performance optimisation, and usability improvements.

Unbeatable Tic-Tac-Toe – Minimax Algorithm

Individual Project | HTML | CSS | JavaScript

Engineered a perfect game-playing AI using the Minimax algorithm with recursive depth-first search, guaranteeing an optimal outcome on every move.

Implemented full game tree construction, terminal state evaluation, and score backpropagation — demonstrating state space search and zero-sum game theory.

Binary Search Guessing Game

Individual Project | HTML | CSS | JavaScript

Built an interactive application demonstrating the binary search algorithm — a divide and conquer technique resolving any target in $O(\log n)$ time, finding any number between 1–100 in at most 7 steps.

Illustrates real-world applications of binary search in database indexing, search trees, and efficient data retrieval.

Memory Matching Game

Individual Project | HTML | CSS | JavaScript

Designed and developed a browser-based card-matching game with smooth flip animations, move tracking, and a persistent leaderboard via the Web Storage API — no backend required.

Built entirely with vanilla HTML, CSS, and JavaScript; no frameworks or external dependencies.

Data Mining & Predictive Analysis – Silver Price Forecasting

Academic Project | Data Analytics

Applied normalisation, outlier handling, and feature engineering on historical silver price datasets to prepare data for predictive modelling. Implemented and evaluated machine learning models in Weka using cross-validation techniques to assess forecasting accuracy.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Microsoft	Career Essentials in Data Analysis
Microsoft	Azure Essentials
EDRAAK	Advanced Excel
GREAT LEARNING	Data Mining Certification
GREAT LEARNING	Prompt Engineering Certification

ADDITIONAL INFORMATION

Languages	Arabic (Native) English (Fluent)
Location	Abu Dhabi, United Arab Emirates
Availability	Open for internships, graduate programmes, and entry-level technology roles

CAREER OBJECTIVE

Seeking a challenging opportunity within a professional and growth-oriented environment where I can contribute technical knowledge, creativity, and analytical skills while continuing to develop expertise in Artificial Intelligence, software development, and digital innovation.

References available upon request