

ANTHONY IMAD

Computer Science Graduate

Anthimad14@gmail.com | 70/649979 | <https://github.com/Anthounn>

PROFESSIONAL SUMMARY

Recent Computer Science graduate and hands-on software developer with a strong programming foundation and a habit of turning ideas into working software. Builds applications across mobile, web, and database systems, with project and academic experience spanning object-oriented design, artificial intelligence and search algorithms, 2D graphics, and relational data modeling. Comfortable across the full development workflow — designing, implementing, testing, and version control — quick to pick up new tools, and eager to contribute to a collaborative engineering team.

EDUCATION

Arab Open University - Graduated

2022 – 2026

Bachelor of Science in Information Technology and Computing — Track: Computer Science

PROJECTS

Reverse Marketplace Mobile Application for Home Services

Final Year Project

Java · Android Studio · SQLite · Room Persistence Library

- Designed and built a native Android application that reverses the traditional service-search model, letting homeowners post home-service requests and receive responses directly from providers.
- Modeled and implemented the local relational database using SQLite and the Room persistence library, handling on-device data persistence, queries, and offline data management.
- Architected the application around a clear separation of data, logic, and interface, and designed an intuitive user experience for posting, browsing, and managing service requests.
- Resolved data-handling and application-state challenges to keep the application responsive and stable.

E-Commerce Website

Academic Project

HTML · CSS · JavaScript

- Built a responsive, multi-page e-commerce front end with HTML, CSS, and JavaScript, focused on clean layout and a smooth browsing experience.
- Implemented interactive UI elements and dynamic page behavior, reinforcing core front-end web development skills.

Forum Application

Academic Project

- Developed a forum-style application in C# supporting user posting, data handling, and core application logic using Object-Oriented Programming principles.

Relational Database Management Project

Academic Project

- Designed and managed relational databases using Structured Query Language; implemented create, read, update, and delete operations and structured queries.

PROFESSIONAL EXPERIENCE

Supervisor — Lucas Restobar

December 2024 – April 2026

- Supervised daily operations and coordinated staff across shifts to keep service running smoothly.
- Automated the end-of-day financial closing process in Microsoft Excel by designing a dynamic template that reduced manual entry to a single inputs matrix, auto-calculating all final metrics and producing daily reports submitted to headquarters with consistent accuracy.
- Maintained accountability and attention to detail under time pressure, strengthening organization and communication skills.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C#, JavaScript, PHP
- Web Technologies:** HTML, CSS, JavaScript, responsive design
- Databases:** Structured Query Language (MySQL), MongoDB, SQLite, Room Persistence Library
- AI & Algorithms:** Search and optimization algorithms (A*, Minimax, Particle Swarm Optimization, Ant Colony Optimization), neural networks and backpropagation, and core machine learning concepts
- Core CS Concepts:** Object-Oriented Programming, data structures, UML modeling, software development lifecycle, and computer architecture
- Graphics:** 2D graphics programming with Java2D, including rendering and drawing complex shapes
- Operating Systems:** Linux (command-line fundamentals, dual-boot Windows and Linux configuration), Windows
- Development Tools:** Android Studio, Git, GitHub, VS code
- Enterprise Technologies:** Enterprise Resource Planning, Customer Relationship Management, and Supply Chain Management systems
- Automation Tools:** cron scheduled jobs, incron event-driven automation, Microsoft Power Automate
- Software Applications:** Microsoft Excel, Word, Powerpoint
- Integration & Data:** REST APIs, HTTPS, SFTP; Business Intelligence and data-warehouse concepts
- Process Improvement:** Lean Six Sigma A3 Root Cause Analysis