

Hussein Hamdan

Software Engineering Student

Beirut, Lebanon | +961 70 551 180 | hussein.h4400@gmail.com | GitHub

SUMMARY

Software Engineering student at Antonine University with hands-on experience in web development, backend APIs, and machine learning. Worked on projects like PowerShare, a generator subscription platform for Lebanon, and a handwritten letter recognition system using TensorFlow. Comfortable with Java, Python, Node.js, and Spring Boot. Looking to grow as a developer and contribute to meaningful projects.

EDUCATION

Bachelor of Engineering in Software Engineering

Expected Jul 2027

Antonine University

Baabda, Lebanon

GPA: 3.4/4.0 | *Coursework:* Data Structures, Database Programming, OOP, Artificial Intelligence, Web Programming, Cisco Networking

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, SQL, HTML, CSS

Frameworks: Node.js, Express, Spring Boot, JavaFX, TensorFlow, Socket.io

Databases: MySQL, MongoDB, PostgreSQL

Tools: Git, GitHub, VS Code, Postman, Selenium, Heroku

EXPERIENCE

AI Intern

Dec 2025 – Jan 2026

XpertBot

Remote

- Completed training in AI, machine learning, and deep learning fundamentals
- Implemented ML algorithms (classification, regression, clustering) using Python, NumPy, Pandas, and Scikit-learn
- Built neural network models including CNN and LSTM architectures

Private Tutor

Jan 2023 – Present

Self-employed

Beirut, Lebanon

- Provided one-on-one tutoring in Mathematics, Physics, and Chemistry for school students
- Adapted teaching methods to individual student learning styles and improved academic performance

PROJECTS

PowerShare – Generator Subscription Platform

Node.js, Express, MySQL, Socket.io

Real-time platform for generator subscriptions in Lebanon featuring live notifications via WebSockets, automated billing system, and customer loyalty rewards.

Handwritten Letter Recognition

Python, TensorFlow, CNN

Deep learning model trained on 628K+ samples achieving high accuracy across 52 character classes. Features interactive GUI for real-time prediction.

RecipeApi – RESTful Backend

Spring Boot, MongoDB, JWT

Secure API with JWT authentication, role-based access control (User/Admin), pagination, sorting, and full-text search functionality.

ShopEase Gaming Store

Java, JavaFX, MySQL

Desktop e-commerce application with shopping cart, order management, product reviews, and admin dashboard.

CERTIFICATIONS

AI Fundamentals (DataCamp) | Data Science & Analytics (HP Life) | Customer Experience for Business Success (HP Life)

LANGUAGES

Arabic (Native) | **English** (Professional) | **French** (Professional)