

Cynthia Issa
Computer Engineering Student

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SUMMARY

Third-year Computer Engineering student with a solid background in software and hardware systems and hands-on academic project experience. Currently developing web development skills through a Full-Stack course and working on software development projects and seeking practical experience to contribute to real-world solutions.

EDUCATION

Beirut Arab University – Debbieh, Lebanon

September 2023 - Expected June 2027

Bachelor of Engineering in Computer Engineering (GPA: 3.96 / 4.0)

Ranked 3rd in the Electrical and Computer Engineering Department (Fall 2025)

PROJECTS

Blockchain-Based Document Verification Platform

Academic Team Project | Beirut Arab University | 2026

- Built a React and Django platform to verify business documents using SHA-256 hashing and blockchain records
- Added document upload, verification results, trust score, factory search, and dispute reporting

Smart Glasses for Visually Impaired People

Academic Team Project | Beirut Arab University | Fall 2025

- Developed a wearable assistive system using Raspberry Pi and Arduino for real-time object detection and obstacle warning
- Implemented YOLO-based vision with text-to-speech feedback and ultrasonic proximity alerts
- Integrated GPS emergency location sharing via Telegram and collaborated on hardware–software system design and testing

Customer Churn Prediction Using Logistic Regression

Academic AI Project | Beirut Arab University | Fall 2025

- Built a Logistic Regression model to predict telecom customer churn
- Preprocessed customer data and evaluated the model using accuracy and a confusion matrix

Track & Save – Expense Management Application

Academic Team Project | Beirut Arab University | 2024

- Developed a Python-based GUI application to track weekly expenses and manage personal budgets
- Implemented user authentication, income tracking, and categorized expense input
- Generated spending analysis using bar and pie charts with alerts for overspending

SKILLS

Technical Skills: Python, C, C++, Java (OOP), SQL, Assembly (MPLAB), Arduino, Raspberry Pi, PIC Microcontroller, ESP32, Quartus (FPGA), MATLAB, LabVIEW, Visual Studio, Microsoft Office, Canva

Soft Skills: Problem Solving, Teamwork, Communication, Time Management, Adaptability

LANGUAGES

Arabic (Native), English (Fluent), French (Intermediate)