

Christie Elias

Computer Engineering Student



[Christie Elias](#)

About Me

I am a Computer Engineering student with a strong passion for both hardware and software systems. I enjoy exploring how digital electronics, programming, and embedded systems come together to build smart, efficient technologies. Currently pursuing my degree, I focus on improving my programming skills while deepening my understanding of circuits, microcontrollers, and real-time systems.

Education

Bachelor's in Computer Engineering

2023 - Present

Holy Spirit University of Kaslik (USEK), Lebanon

Student Member, IEEE (Institute of Electrical and Electronics Engineers)

GPA: 3.77 / 4.0

Relevant Courses: Digital Logic Design, Microprocessors, Java Programming, algorithmics, MATLAB, Basic Electronics (Diodes, Op-Amps, Non-linear Circuits), Data Structures, Web Development.

Lebanese Baccalaureate in General Science

2023

Charité Saint Joseph - Zouk

Technical Skills

Programming Languages

C++, Java, JavaScript

Web Development

HTML, CSS, SQL

Software & Tools

MATLAB, Proteus, VS Code, GitHub

Hardware Knowledge

Electronics, Microprocessors, Circuit Analysis

Languages

Arabic	Native
English	Fluent
French	Intermediate

Academic & Personal Projects

7-Segment Display Interface using 8086 Microprocessor

2024

Designed and simulated an 8086 assembly program interfaced with 8255 and ADC0804 to read analog input and display results on a 7-segment display in Proteus.

Scrolling Text on LED Matrix

2024

Developed assembly code to display scrolling messages on a 128x8 LED matrix using 74HC373 latches, demultiplexers, and mode-switching logic for both vertical and horizontal scrolling.

Web Portfolio

2025

Created a responsive portfolio website using HTML, CSS, and JavaScript to showcase university projects and coursework.

Soft Skills

Problem solving Teamwork Critical thinking Adaptability Time management
Quick learner Communication

Interests & Hobbies

Electronics Web Development AI Chess Gaming