RAMIZ SHAHIN

COMPUTER ENGINEER

CONTACT

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- ramizshahin.github.io/My-Portfolio

PROFILE SUMMARY

As a motivated Computer Engineering student, I have a passion for technology and a strong desire to gain hands-on experience in the field. Proficiency in several programming languages. I possess strong analytical and problem- solving skills, and am an effective collaborator and communicator. I am committed to excellence and am always eager to take on new challenges and opportunities.

EDUCATION

2020 - 2025
BIRZEIT UNIVERSITY
- BA in Computer Engineering

2018 - 2020
AL-AHLIYYA COLLEGE
- Secondary Education

SKILLS

- Programming Languages: Python, C, Java, HTML, CSS, JavaScript
- Web Development: React (basic), Node.js
- Databases: MySQL, MongoDB
- HDL & Assembly: Verilog HDL, ARM, PIC
- Software Concepts: OOP, Data Structures, Real-Time Systems (POSIX Threads)
- AI & CV: Basic Machine Learning, Basic Computer Vision

LANGUAGES

- Arabic: Native
- English: Fluent

PROJECTS

- A vehicle rental program in java using OOP

- Developed two programs using C: one for managing pharmacy medicine records with binary search trees and hashing, and another for tracking World Cup teams and match results using linked lists.

- Designed and implemented a supermarket database system with Python and MySQL for efficient inventory management, sales tracking, and customer information management.

- Developed a structural circuit in Verilog HDL using T-Flip Flops and combinational logic to count Prime or Fibonacci numbers, with up/down counting modes based on input signals.

- Designed and verified a multi-cycle RISC processor in Verilog.

- Developed a multi-processing application with IPCs to simulate cashier operations in a supermarket, modeling the scanning of customer purchases.

- Regression Management web app using React, Node.js, MySQL, and Python. Parses regression logs via Python plugins to JSON and stores them through the backend for tracking and analysis.